

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

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

Item	North Carolina	Alamance	Alexander	Alleghany	Anson	Ashe	Avery
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	29,003	449	239	324	136	706	353
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	3,897,736	28,926	14,372	24,672	19,481	24,173	7,657
.....acres treated, 2002	4,056,927	24,278	17,138	18,258	24,195	25,651	8,383
Cropland fertilized, except cropland pastured .....farms, 2007	20,712	284	118	256	91	513	313
.....farms, 2002	26,809	405	307	368	119	603	414
.....acres treated, 2007	3,456,607	18,121	7,173	14,901	14,984	15,202	6,497
.....acres treated, 2002	3,616,451	13,302	11,567	10,935	19,212	18,316	7,886
Pastureland and rangeland fertilized .....farms, 2007	13,421	274	167	142	68	305	60
.....farms, 2002	14,744	376	213	141	115	339	68
.....acres treated, 2007	441,129	10,805	7,199	9,771	4,497	8,971	1,160
.....acres treated, 2002	440,476	10,976	5,571	7,323	4,983	7,335	497
Manure <sup>1</sup> .....farms, 2007	8,348	118	179	58	61	115	28
.....farms, 2002	9,106	103	305	52	157	46	17
.....acres treated, 2007	460,192	5,250	11,379	2,910	6,579	1,637	384
.....acres treated, 2002	465,132	2,934	15,350	3,090	7,725	957	68
Chemicals used to control- <sup>1</sup>							
Insects .....farms, 2007	10,172	81	56	122	36	255	257
.....farms, 2002	13,981	126	20	133	63	274	349
.....acres treated, 2007	2,096,612	3,939	1,851	8,089	4,853	8,061	6,108
.....acres treated, 2002	2,336,809	3,302	1,586	4,556	6,665	10,289	5,698
Weeds, grass, or brush .....farms, 2007	17,571	194	160	197	101	402	296
.....farms, 2002	20,422	236	173	233	93	376	355
.....acres treated, 2007	2,983,953	13,690	10,201	10,017	15,599	11,349	6,733
.....acres treated, 2002	3,193,582	7,741	8,343	6,790	16,809	13,895	5,445
Nematodes .....farms, 2007	2,167	12	4	9	1	14	18
.....farms, 2002	3,735	22	-	8	2	-	12
.....acres treated, 2007	407,161	575	(D)	728	(D)	103	551
.....acres treated, 2002	516,565	220	-	440	(D)	-	135
Diseases in crops and orchards .....farms, 2007	2,420	15	25	20	5	65	57
.....farms, 2002	3,723	21	9	43	-	78	88
.....acres treated, 2007	303,394	244	433	590	(D)	686	1,211
.....acres treated, 2002	364,392	324	99	272	-	312	1,727
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	1,973	6	12	9	7	22	3
.....farms, 2002	2,690	2	9	-	4	1	14
.....acres treated, 2007	528,524	89	257	321	1,573	377	(D)
.....acres treated, 2002	737,735	(D)	99	-	1,234	(D)	658
Item	Beaufort	Bertie	Bladen	Brunswick	Buncombe	Burke	Cabarrus
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	212	160	280	166	560	287	327
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	116,526	77,129	52,681	22,519	15,286	9,436	29,789
.....acres treated, 2002	132,330	87,978	65,036	16,926	20,834	9,758	23,409
Cropland fertilized, except cropland pastured .....farms, 2007	196	156	244	129	383	172	196
.....farms, 2002	246	230	321	133	670	175	229
.....acres treated, 2007	115,965	76,640	51,512	21,273	8,068	6,713	19,829
.....acres treated, 2002	132,117	(D)	63,391	15,187	12,789	6,904	14,920
Pastureland and rangeland fertilized .....farms, 2007	24	6	61	64	328	177	211
.....farms, 2002	13	2	103	66	450	150	264
.....acres treated, 2007	561	489	1,169	1,246	7,218	2,723	9,960
.....acres treated, 2002	213	(D)	1,645	1,739	8,045	2,854	8,489
Manure <sup>1</sup> .....farms, 2007	14	58	40	20	172	108	120
.....farms, 2002	10	41	97	24	158	62	153
.....acres treated, 2007	1,229	8,707	5,566	1,030	2,290	2,272	4,573
.....acres treated, 2002	2,487	6,308	11,521	628	4,616	1,608	3,453
Chemicals used to control- <sup>1</sup>							
Insects .....farms, 2007	115	114	154	81	98	57	35
.....farms, 2002	227	179	216	105	259	92	78
.....acres treated, 2007	81,906	60,430	39,236	13,408	1,455	2,584	4,061
.....acres treated, 2002	98,110	73,572	42,292	9,674	2,130	3,570	3,598
Weeds, grass, or brush .....farms, 2007	149	142	214	117	275	159	184
.....farms, 2002	284	224	209	114	390	150	183
.....acres treated, 2007	88,878	73,339	46,004	22,015	4,376	6,041	21,219
.....acres treated, 2002	122,808	85,324	45,507	15,793	4,181	5,036	14,999
Nematodes .....farms, 2007	26	35	26	22	22	3	4
.....farms, 2002	54	75	100	31	11	-	1
.....acres treated, 2007	9,113	11,308	9,797	3,170	301	5	(D)
.....acres treated, 2002	12,322	14,816	18,853	4,633	33	-	(D)
Diseases in crops and orchards .....farms, 2007	32	25	39	23	44	31	14
.....farms, 2002	19	63	54	18	80	27	2
.....acres treated, 2007	11,443	4,762	5,090	1,497	366	1,564	(D)
.....acres treated, 2002	12,572	18,501	4,690	1,284	358	1,027	(D)
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	31	58	16	5	10	-	4
.....farms, 2002	51	66	56	2	49	8	-
.....acres treated, 2007	18,245	24,516	3,894	552	153	-	(D)
.....acres treated, 2002	28,560	28,040	18,334	(D)	249	64	-

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	Caldwell	Camden	Carteret	Caswell	Catawba	Chatham	Cherokee
Commercial fertilizer, lime, and soil conditioners <sup>1 2</sup> ..... farms, 2007	231	56	66	344	400	465	125
..... farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	7,792	46,202	29,094	17,406	32,381	23,483	4,373
..... acres treated, 2002	9,230	47,911	45,406	21,596	22,461	20,340	2,368
Cropland fertilized, except cropland pastured ..... farms, 2007	142	48	46	263	222	227	68
..... farms, 2002	286	50	67	354	240	172	99
..... acres treated, 2007	5,148	46,137	28,876	12,499	21,743	10,896	2,055
..... acres treated, 2002	5,421	47,801	45,224	13,372	14,899	11,416	1,403
Pastureland and rangeland fertilized ..... farms, 2007	131	8	22	149	283	322	81
..... farms, 2002	202	7	21	180	207	336	35
..... acres treated, 2007	2,644	65	218	4,907	10,638	12,587	2,318
..... acres treated, 2002	3,809	110	182	8,224	7,562	8,924	965
Manure <sup>1</sup> ..... farms, 2007	50	7	19	45	90	283	37
..... farms, 2002	71	3	13	51	54	351	40
..... acres treated, 2007	1,794	198	137	1,477	3,725	15,222	1,070
..... acres treated, 2002	1,828	90	55	1,813	2,057	13,817	435
Chemicals used to control- <sup>1</sup>							
Insects ..... farms, 2007	63	28	29	133	42	65	24
..... farms, 2002	71	40	50	200	65	169	44
..... acres treated, 2007	2,116	28,135	11,001	4,364	3,529	3,134	493
..... acres treated, 2002	3,021	35,626	41,330	4,162	2,619	6,238	268
Weeds, grass, or brush ..... farms, 2007	118	42	41	162	193	296	72
..... farms, 2002	92	50	60	150	236	271	54
..... acres treated, 2007	4,411	41,974	25,781	6,239	18,898	14,329	1,886
..... acres treated, 2002	3,261	52,679	42,534	5,347	11,119	14,936	779
Nematodes ..... farms, 2007	5	-	6	5	11	6	1
..... farms, 2002	2	2	23	76	5	18	13
..... acres treated, 2007	52	-	(D)	106	(D)	482	(D)
..... acres treated, 2002	(D)	(D)	1,760	1,059	30	340	76
Diseases in crops and orchards ..... farms, 2007	25	5	6	15	23	12	14
..... farms, 2002	29	5	25	23	30	37	21
..... acres treated, 2007	385	1,742	(D)	366	496	100	135
..... acres treated, 2002	412	4,650	2,710	412	223	327	21
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007	2	3	2	21	1	5	2
..... farms, 2002	14	3	14	26	-	-	4
..... acres treated, 2007	(D)	895	(D)	678	(D)	132	(D)
..... acres treated, 2002	29	968	1,385	454	-	-	4

  

Item	Chowan	Clay	Cleveland	Columbus	Craven	Cumberland	Currituck	Dare
Commercial fertilizer, lime, and soil conditioners <sup>1 2</sup> ..... farms, 2007	148	72	503	528	162	248	49	3
..... farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	50,618	2,286	37,554	87,672	41,614	36,481	21,482	1,794
..... acres treated, 2002	39,942	3,448	37,997	89,206	47,552	34,935	26,065	3,163
Cropland fertilized, except cropland pastured ..... farms, 2007	138	37	296	458	140	210	40	3
..... farms, 2002	125	98	352	609	184	247	59	5
..... acres treated, 2007	50,145	1,028	23,236	84,146	41,027	34,223	21,378	1,794
..... acres treated, 2002	39,458	1,940	21,325	87,059	46,651	33,476	25,765	3,163
Pastureland and rangeland fertilized ..... farms, 2007	19	47	307	128	30	67	10	-
..... farms, 2002	18	71	398	151	43	111	14	-
..... acres treated, 2007	473	1,258	14,318	3,526	587	2,258	104	-
..... acres treated, 2002	484	1,508	16,672	2,147	901	1,459	300	-
Manure <sup>1</sup> ..... farms, 2007	15	22	147	49	22	50	9	-
..... farms, 2002	28	8	86	85	50	53	10	-
..... acres treated, 2007	870	612	6,848	2,710	830	3,047	(D)	-
..... acres treated, 2002	1,881	1,077	6,141	12,568	974	2,618	703	-
Chemicals used to control- <sup>1</sup>								
Insects ..... farms, 2007	106	6	132	274	102	114	39	3
..... farms, 2002	111	25	88	413	135	197	55	6
..... acres treated, 2007	36,349	(D)	7,243	48,452	29,076	21,415	15,481	(D)
..... acres treated, 2002	37,820	94	5,724	40,770	36,122	18,446	19,882	2,791
Weeds, grass, or brush ..... farms, 2007	91	41	290	359	131	183	48	7
..... farms, 2002	116	66	299	509	167	244	56	6
..... acres treated, 2007	36,275	1,635	23,136	66,293	41,635	27,727	20,309	2,649
..... acres treated, 2002	41,599	1,003	22,599	70,066	40,524	28,904	29,363	2,857
Nematodes ..... farms, 2007	40	-	12	110	25	21	5	-
..... farms, 2002	55	-	26	181	21	31	1	-
..... acres treated, 2007	8,932	-	795	14,435	4,939	2,669	3,640	-
..... acres treated, 2002	11,904	-	1,391	10,783	7,204	4,739	(D)	-
Diseases in crops and orchards ..... farms, 2007	40	-	26	59	17	17	14	-
..... farms, 2002	51	5	10	104	51	42	16	-
..... acres treated, 2007	8,528	-	1,167	3,583	1,893	1,110	7,094	-
..... acres treated, 2002	8,750	5	55	4,454	4,801	959	1,545	-
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007	57	-	16	32	16	17	1	-
..... farms, 2002	64	4	12	40	35	26	6	-
..... acres treated, 2007	10,557	-	2,286	5,301	3,350	4,475	(D)	-
..... acres treated, 2002	20,231	12	534	6,442	17,077	7,102	291	-

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	Davidson	Davie	Duplin	Durham	Edgecombe	Forsyth	Franklin	Gaston
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	636	360	626	128	168	401	267	250
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	30,762	26,816	122,359	6,288	88,115	16,339	32,064	11,246
.....acres treated, 2002	34,381	37,665	119,524	4,931	91,766	13,644	39,480	10,058
Cropland fertilized, except cropland pastured .....farms, 2007	492	224	515	82	143	289	177	143
.....farms, 2002	663	381	553	96	181	284	258	158
.....acres treated, 2007	23,069	15,988	114,941	3,327	86,783	12,545	26,095	5,921
.....acres treated, 2002	23,621	20,593	115,211	2,665	90,595	9,183	33,546	6,520
Pastureland and rangeland fertilized .....farms, 2007	325	229	180	69	40	208	130	168
.....farms, 2002	495	388	132	74	25	272	95	132
.....acres treated, 2007	7,693	10,828	7,418	2,961	1,332	3,794	5,969	5,325
.....acres treated, 2002	10,760	17,072	4,313	2,266	1,171	4,461	5,934	3,538
Manure <sup>1</sup> .....farms, 2007	213	99	295	27	36	132	60	116
.....farms, 2002	238	88	342	52	42	77	41	121
.....acres treated, 2007	5,420	5,168	26,102	221	5,796	1,798	1,623	2,957
.....acres treated, 2002	6,819	2,006	29,675	446	2,831	866	2,362	3,033
Chemicals used to control- <sup>1</sup>								
Insects .....farms, 2007	154	46	291	49	107	102	93	47
.....farms, 2002	245	33	365	43	163	101	152	25
.....acres treated, 2007	3,818	2,946	64,576	1,525	67,398	6,399	9,127	204
.....acres treated, 2002	6,176	3,560	67,789	1,052	68,944	6,517	13,469	544
Weeds, grass, or brush .....farms, 2007	275	144	531	69	131	184	171	105
.....farms, 2002	450	142	594	55	191	140	155	89
.....acres treated, 2007	18,395	11,638	100,861	3,208	79,316	10,218	22,912	4,998
.....acres treated, 2002	13,638	14,128	94,833	1,441	83,507	8,801	30,241	2,894
Nematodes .....farms, 2007	12	2	76	5	34	18	28	4
.....farms, 2002	36	-	149	12	76	7	39	-
.....acres treated, 2007	182	(D)	10,048	62	10,203	547	2,198	8
.....acres treated, 2002	124	-	32,074	348	14,857	610	2,293	-
Diseases in crops and orchards .....farms, 2007	23	14	32	13	26	23	17	25
.....farms, 2002	26	16	102	7	60	3	41	4
.....acres treated, 2007	350	69	3,640	768	13,059	66	1,761	80
.....acres treated, 2002	614	145	20,044	146	11,659	600	1,568	4
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	27	5	19	7	53	11	15	3
.....farms, 2002	19	3	90	12	67	11	9	1
.....acres treated, 2007	344	49	5,029	167	23,575	346	1,075	30
.....acres treated, 2002	86	108	20,179	373	30,303	772	885	(D)
Item	Gates	Graham	Granville	Greene	Guilford	Halifax	Hamett	Haywood
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	69	57	301	165	599	158	428	419
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	46,439	1,105	17,738	59,614	35,761	111,644	55,448	14,148
.....acres treated, 2002	37,226	1,282	22,258	62,663	35,860	94,343	51,934	16,185
Cropland fertilized, except cropland pastured .....farms, 2007	55	38	218	156	400	146	319	289
.....farms, 2002	68	64	309	177	674	152	351	495
.....acres treated, 2007	46,256	558	12,613	59,141	25,921	107,646	51,807	6,668
.....acres treated, 2002	36,840	610	14,614	61,324	25,421	91,390	47,090	6,540
Pastureland and rangeland fertilized .....farms, 2007	17	30	148	30	351	37	189	262
.....farms, 2002	8	39	181	30	407	44	181	338
.....acres treated, 2007	183	547	5,125	473	9,840	3,998	3,641	7,480
.....acres treated, 2002	386	672	7,644	1,339	10,439	2,953	4,844	9,645
Manure <sup>1</sup> .....farms, 2007	28	11	48	43	139	31	145	132
.....farms, 2002	17	7	38	64	235	24	137	161
.....acres treated, 2007	4,305	195	657	3,427	3,304	2,693	9,280	1,929
.....acres treated, 2002	2,754	54	349	6,136	3,341	2,944	9,557	1,637
Chemicals used to control- <sup>1</sup>								
Insects .....farms, 2007	48	11	91	100	146	108	177	99
.....farms, 2002	72	25	141	155	214	122	259	127
.....acres treated, 2007	39,051	107	5,433	39,489	9,930	82,758	31,833	1,867
.....acres treated, 2002	39,638	(D)	5,267	45,241	7,225	72,314	26,473	1,503
Weeds, grass, or brush .....farms, 2007	57	16	136	126	321	118	308	250
.....farms, 2002	68	42	157	157	346	121	319	240
.....acres treated, 2007	39,505	141	8,304	46,958	21,918	89,238	47,396	4,408
.....acres treated, 2002	42,973	400	8,865	54,023	14,845	82,668	48,373	3,277
Nematodes .....farms, 2007	12	-	23	41	27	29	65	20
.....farms, 2002	28	2	40	81	14	59	142	26
.....acres treated, 2007	4,041	-	1,155	9,390	312	15,401	9,754	347
.....acres treated, 2002	6,722	(D)	1,150	10,904	587	15,604	21,386	37
Diseases in crops and orchards .....farms, 2007	14	2	14	17	32	38	26	48
.....farms, 2002	46	9	34	46	35	48	60	70
.....acres treated, 2007	6,906	(D)	534	5,112	175	12,533	2,562	600
.....acres treated, 2002	12,666	20	1,616	7,192	434	15,594	4,617	872
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	20	2	15	40	32	72	50	4
.....farms, 2002	37	3	25	49	70	45	89	15
.....acres treated, 2007	11,301	(D)	724	12,984	1,350	46,562	13,943	108
.....acres treated, 2002	15,545	7	1,118	15,565	601	29,752	18,080	57

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	Henderson	Hertford	Hoke	Hyde	Iredell	Jackson	Johnston	Jones
Commercial fertilizer, lime, and soil conditioners <sup>1 2</sup> ..... farms, 2007	364	85	131	85	640	152	765	91
..... farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	16,398	42,795	26,214	49,446	57,728	4,456	108,557	45,831
..... acres treated, 2002	21,455	46,699	36,522	72,419	58,653	4,761	113,676	46,068
Cropland fertilized, except cropland pastured ..... farms, 2007	272	81	87	78	396	114	606	71
..... farms, 2002	364	85	107	75	525	186	600	90
..... acres treated, 2007	13,109	42,606	25,084	49,205	40,213	3,127	102,245	44,846
..... acres treated, 2002	18,834	46,693	35,556	72,367	39,786	3,876	106,017	44,638
Pastureland and rangeland fertilized ..... farms, 2007	139	12	63	9	400	63	279	30
..... farms, 2002	94	3	46	8	593	55	214	29
..... acres treated, 2007	3,289	189	1,130	241	17,515	1,329	6,312	985
..... acres treated, 2002	2,621	6	966	52	18,867	885	7,659	1,430
Manure <sup>1</sup> ..... farms, 2007	57	32	39	3	218	34	135	28
..... farms, 2002	74	21	19	8	285	19	153	45
..... acres treated, 2007	1,321	4,834	5,203	320	12,876	119	5,133	3,422
..... acres treated, 2002	7,870	2,619	1,280	58	14,990	19	6,086	3,620
Chemicals used to control- <sup>1</sup>								
Insects ..... farms, 2007	199	53	67	60	94	63	342	53
..... farms, 2002	232	80	76	64	140	87	395	84
..... acres treated, 2007	9,974	33,017	15,249	42,430	8,316	1,448	62,402	27,855
..... acres treated, 2002	13,054	37,183	29,782	57,731	10,877	1,419	79,658	34,944
Weeds, grass, or brush ..... farms, 2007	211	67	103	56	261	96	544	53
..... farms, 2002	183	82	100	70	521	124	664	90
..... acres treated, 2007	9,861	43,771	23,618	47,970	23,397	2,643	88,707	29,172
..... acres treated, 2002	12,802	41,810	35,884	73,112	30,223	2,538	96,534	39,359
Nematodes ..... farms, 2007	53	18	14	6	6	12	126	13
..... farms, 2002	20	33	19	8	3	4	210	32
..... acres treated, 2007	3,768	8,497	5,471	(D)	178	148	17,029	8,903
..... acres treated, 2002	422	5,469	11,848	3,638	(D)	196	32,256	7,291
Diseases in crops and orchards ..... farms, 2007	133	12	5	17	15	13	62	12
..... farms, 2002	135	34	14	8	24	25	63	27
..... acres treated, 2007	6,427	6,158	(D)	17,010	707	88	4,915	2,091
..... acres treated, 2002	7,655	8,318	1,040	5,178	695	741	5,850	8,285
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007	46	25	17	13	11	4	79	19
..... farms, 2002	91	21	24	19	-	-	81	25
..... acres treated, 2007	2,722	13,115	8,332	10,064	54	80	11,924	12,672
..... acres treated, 2002	5,514	10,086	16,117	17,094	(D)	-	18,948	20,777
Item	Lee	Lenoir	Lincoln	McDowell	Macon	Madison	Martin	Mecklenburg
Commercial fertilizer, lime, and soil conditioners <sup>1 2</sup> ..... farms, 2007	149	269	343	221	240	394	213	130
..... farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	15,080	98,015	25,093	5,718	6,153	9,293	67,167	6,424
..... acres treated, 2002	14,419	76,845	24,943	4,608	7,941	10,841	75,414	5,928
Cropland fertilized, except cropland pastured ..... farms, 2007	104	246	217	115	133	300	207	83
..... farms, 2002	138	243	241	142	186	618	242	144
..... acres treated, 2007	12,097	96,689	18,965	3,021	2,190	5,344	65,993	4,543
..... acres treated, 2002	11,473	75,567	18,700	2,715	3,286	5,928	74,728	3,937
Pastureland and rangeland fertilized ..... farms, 2007	68	45	203	146	162	151	21	77
..... farms, 2002	72	44	238	99	170	282	18	118
..... acres treated, 2007	2,983	1,326	6,128	2,697	3,963	3,949	1,174	1,881
..... acres treated, 2002	2,946	1,278	6,243	1,893	4,655	4,913	686	1,991
Manure <sup>1</sup> ..... farms, 2007	80	92	96	67	43	95	10	44
..... farms, 2002	68	69	88	25	21	83	22	81
..... acres treated, 2007	2,623	4,941	3,837	1,184	610	1,200	746	922
..... acres treated, 2002	2,419	5,709	1,946	799	955	299	984	877
Chemicals used to control- <sup>1</sup>								
Insects ..... farms, 2007	77	200	54	28	41	97	189	39
..... farms, 2002	105	191	61	49	64	217	234	60
..... acres treated, 2007	7,330	72,310	3,317	502	511	1,191	59,169	874
..... acres treated, 2002	6,651	60,149	4,570	765	512	1,815	68,575	425
Weeds, grass, or brush ..... farms, 2007	113	229	155	111	99	173	177	65
..... farms, 2002	94	234	131	137	64	382	226	92
..... acres treated, 2007	11,817	80,790	18,231	2,488	1,660	1,956	61,418	3,754
..... acres treated, 2002	10,778	65,187	9,933	2,056	1,651	5,698	67,931	2,553
Nematodes ..... farms, 2007	31	77	1	1	3	13	76	4
..... farms, 2002	55	111	3	10	24	19	85	-
..... acres treated, 2007	2,967	19,724	(D)	(D)	31	47	13,415	(D)
..... acres treated, 2002	1,895	20,531	15	18	96	71	16,855	-
Diseases in crops and orchards ..... farms, 2007	12	38	26	10	18	40	58	11
..... farms, 2002	36	59	5	11	24	93	109	11
..... acres treated, 2007	(D)	9,493	651	191	261	278	6,953	181
..... acres treated, 2002	577	12,527	180	140	123	175	12,433	21
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007	10	70	3	-	-	14	107	1
..... farms, 2002	19	85	2	14	5	-	119	3
..... acres treated, 2007	1,647	33,013	(D)	-	-	60	26,705	(D)
..... acres treated, 2002	1,249	31,202	(D)	130	5	-	37,790	140

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	Mitchell	Montgomery	Moore	Nash	New Hanover	Northampton	Onslow	Orange
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	182	129	369	263	36	200	214	340
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	3,426	6,311	14,748	73,180	1,900	90,633	29,914	19,643
.....acres treated, 2002	4,364	5,665	11,709	89,564	1,372	78,635	32,970	17,022
Cropland fertilized, except cropland pastured .....farms, 2007	155	79	211	210	32	186	160	231
.....farms, 2002	222	111	256	244	39	208	199	265
.....acres treated, 2007	2,015	4,008	10,893	68,781	1,844	90,298	28,411	12,682
.....acres treated, 2002	2,828	3,660	7,630	83,912	1,338	78,192	32,091	9,542
Pastureland and rangeland fertilized .....farms, 2007	56	66	213	80	4	17	73	195
.....farms, 2002	80	51	209	69	4	23	82	209
.....acres treated, 2007	1,411	2,303	3,855	4,399	56	335	1,503	6,961
.....acres treated, 2002	1,536	2,005	4,079	5,652	34	443	879	7,480
Manure <sup>1</sup> .....farms, 2007	37	76	219	61	4	28	80	119
.....farms, 2002	28	87	214	103	8	45	130	123
.....acres treated, 2007	398	5,543	9,597	5,000	56	2,759	5,924	2,602
.....acres treated, 2002	298	5,699	6,215	11,823	366	5,226	3,904	2,086
Chemicals used to control- <sup>1</sup>								
Insects .....farms, 2007	82	41	132	139	18	155	96	42
.....farms, 2002	132	41	145	165	22	184	160	139
.....acres treated, 2007	969	1,978	4,816	45,260	951	80,608	18,229	1,094
.....acres treated, 2002	1,695	1,766	3,894	59,357	499	68,893	18,328	1,800
Weeds, grass, or brush .....farms, 2007	111	94	245	188	20	147	162	136
.....farms, 2002	161	73	227	234	28	211	221	205
.....acres treated, 2007	1,541	4,934	12,663	57,462	411	86,294	26,766	6,965
.....acres treated, 2002	2,779	4,154	9,129	72,766	644	65,404	24,636	4,065
Nematodes .....farms, 2007	4	4	19	56	2	36	26	5
.....farms, 2002	7	8	29	51	2	46	38	67
.....acres treated, 2007	20	1,050	989	12,396	(D)	16,218	4,840	88
.....acres treated, 2002	28	386	1,178	12,397	(D)	10,471	3,778	992
Diseases in crops and orchards .....farms, 2007	28	14	23	28	1	38	12	14
.....farms, 2002	69	14	24	31	10	45	28	38
.....acres treated, 2007	212	461	1,043	4,245	(D)	10,169	2,459	173
.....acres treated, 2002	616	460	499	11,092	69	11,848	1,188	77
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	3	7	10	34	6	96	7	6
.....farms, 2002	18	1	67	70	1	92	14	-
.....acres treated, 2007	7	361	497	11,932	6	37,492	4,037	52
.....acres treated, 2002	45	(D)	925	25,069	(D)	33,839	5,149	-
Item	Pamlico	Pasquotank	Pender	Perquimans	Person	Pitt	Polk	Randolph
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	42	113	176	130	213	270	178	741
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	38,445	73,779	26,109	60,967	29,293	116,214	5,417	40,379
.....acres treated, 2002	39,603	86,493	32,207	79,888	27,126	122,973	6,952	30,492
Cropland fertilized, except cropland pastured .....farms, 2007	37	103	141	126	152	221	85	391
.....farms, 2002	44	125	169	160	196	276	132	475
.....acres treated, 2007	38,411	73,692	25,154	60,613	24,094	114,707	2,362	25,231
.....acres treated, 2002	39,516	86,493	31,429	79,665	22,247	121,228	3,502	19,605
Pastureland and rangeland fertilized .....farms, 2007	5	12	47	15	112	59	119	499
.....farms, 2002	3	-	29	13	79	95	124	292
.....acres treated, 2007	34	87	955	354	5,199	1,507	3,055	15,148
.....acres treated, 2002	87	-	778	223	4,879	1,745	3,450	10,887
Manure <sup>1</sup> .....farms, 2007	1	9	68	27	27	57	71	419
.....farms, 2002	2	6	63	27	37	61	51	418
.....acres treated, 2007	(D)	(D)	3,113	5,323	1,536	5,010	1,027	22,262
.....acres treated, 2002	(D)	655	3,483	2,762	739	5,749	599	17,481
Chemicals used to control- <sup>1</sup>								
Insects .....farms, 2007	31	63	75	87	76	170	33	86
.....farms, 2002	36	96	105	129	107	242	60	111
.....acres treated, 2007	28,010	31,124	17,281	49,108	6,783	76,370	570	4,301
.....acres treated, 2002	31,269	59,419	21,180	63,916	4,940	91,989	597	4,976
Weeds, grass, or brush .....farms, 2007	38	81	148	109	98	223	88	378
.....farms, 2002	38	114	160	157	145	320	120	383
.....acres treated, 2007	35,495	47,810	25,640	55,422	17,493	94,878	1,916	22,363
.....acres treated, 2002	39,823	72,333	24,814	73,619	17,532	111,332	3,309	16,482
Nematodes .....farms, 2007	2	5	19	21	18	57	4	6
.....farms, 2002	8	19	12	31	19	97	20	32
.....acres treated, 2007	(D)	357	1,820	5,509	748	12,823	14	296
.....acres treated, 2002	(D)	2,529	2,391	9,354	841	27,435	23	585
Diseases in crops and orchards .....farms, 2007	12	17	16	23	13	29	17	13
.....farms, 2002	15	17	22	69	4	60	28	26
.....acres treated, 2007	9,342	1,914	4,575	10,745	902	7,063	326	257
.....acres treated, 2002	4,438	5,876	4,289	5,750	214	30,000	426	1,185
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	5	5	9	42	18	57	4	4
.....farms, 2002	8	12	7	52	15	77	-	1
.....acres treated, 2007	2,029	1,201	(D)	12,630	987	17,502	(D)	(D)
.....acres treated, 2002	4,295	2,098	3,734	23,470	555	35,496	-	(D)

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	Richmond	Robeson	Rockingham	Rowan	Rutherford	Sampson	Scotland	Stanly
Commercial fertilizer, lime, and soil conditioners <sup>1 2</sup> ..... farms, 2007	89	672	503	636	352	709	88	323
..... farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	9,860	181,165	27,887	55,069	16,024	152,936	26,401	51,197
..... acres treated, 2002	10,782	183,166	30,333	52,253	14,636	165,752	33,888	46,803
Cropland fertilized, except cropland pastured ..... farms, 2007	65	570	387	402	174	609	63	185
..... farms, 2002	80	592	547	425	212	809	80	227
..... acres treated, 2007	8,385	177,333	21,517	42,127	5,107	145,043	25,324	39,954
..... acres treated, 2002	8,553	181,246	22,430	35,311	9,348	156,447	33,027	40,672
Pastureland and rangeland fertilized ..... farms, 2007	45	172	227	402	249	185	41	203
..... farms, 2002	43	107	373	361	189	243	30	155
..... acres treated, 2007	1,475	3,832	6,370	12,942	10,917	7,893	1,077	11,243
..... acres treated, 2002	2,229	1,920	7,903	16,942	5,288	9,305	861	6,131
Manure <sup>1</sup> ..... farms, 2007	60	113	95	155	84	304	45	119
..... farms, 2002	80	139	85	104	55	368	38	60
..... acres treated, 2007	4,594	14,764	2,613	5,336	2,269	32,814	5,863	8,974
..... acres treated, 2002	5,775	11,116	1,373	3,803	2,199	27,833	5,216	6,466
Chemicals used to control- <sup>1</sup>								
Insects ..... farms, 2007	43	336	159	79	51	437	41	65
..... farms, 2002	49	445	274	117	12	533	51	76
..... acres treated, 2007	7,993	101,269	7,744	7,037	861	109,158	15,673	20,821
..... acres treated, 2002	5,766	101,024	7,352	11,559	(D)	107,572	17,462	15,099
Weeds, grass, or brush ..... farms, 2007	78	453	241	300	140	586	65	213
..... farms, 2002	75	548	249	277	66	678	67	140
..... acres treated, 2007	9,948	136,260	15,280	38,818	5,262	123,790	27,013	39,815
..... acres treated, 2002	7,689	164,127	13,232	25,770	4,273	142,177	27,359	37,052
Nematodes ..... farms, 2007	6	74	27	7	4	106	4	5
..... farms, 2002	6	186	29	1	-	195	9	1
..... acres treated, 2007	285	25,286	1,252	228	34	27,229	3,776	344
..... acres treated, 2002	(D)	23,367	709	(D)	-	37,766	3,575	(D)
Diseases in crops and orchards ..... farms, 2007	8	55	29	29	19	48	7	7
..... farms, 2002	6	120	71	42	-	124	8	2
..... acres treated, 2007	360	10,679	750	2,349	59	14,235	460	533
..... acres treated, 2002	(D)	6,341	771	1,082	-	14,226	(D)	(D)
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007	2	71	32	5	4	76	9	31
..... farms, 2002	5	58	29	4	6	170	17	23
..... acres treated, 2007	(D)	27,210	1,439	(D)	(D)	24,164	7,863	9,553
..... acres treated, 2002	3,652	15,258	948	1,480	600	57,195	9,394	9,125
Item	Stokes	Surry	Swain	Transylvania	Tyrrell	Union	Vance	Wake
Commercial fertilizer, lime, and soil conditioners <sup>1 2</sup> ..... farms, 2007	606	717	58	194	49	479	125	449
..... farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	21,223	42,330	981	5,969	40,012	92,815	11,578	27,858
..... acres treated, 2002	21,670	53,452	917	6,052	56,889	76,245	10,431	19,213
Cropland fertilized, except cropland pastured ..... farms, 2007	463	486	36	125	47	255	87	334
..... farms, 2002	542	626	45	107	70	205	118	368
..... acres treated, 2007	12,851	26,833	379	3,575	39,945	78,667	9,906	24,592
..... acres treated, 2002	15,814	39,308	(D)	3,912	56,616	68,550	7,980	15,734
Pastureland and rangeland fertilized ..... farms, 2007	336	431	34	98	5	286	73	154
..... farms, 2002	366	433	27	79	8	157	46	242
..... acres treated, 2007	8,372	15,497	602	2,394	67	14,148	1,672	3,266
..... acres treated, 2002	5,856	14,144	(D)	2,140	273	7,695	2,451	3,479
Manure <sup>1</sup> ..... farms, 2007	122	198	9	56	4	220	11	72
..... farms, 2002	78	205	10	38	1	289	20	107
..... acres treated, 2007	2,367	11,396	41	579	482	31,947	185	984
..... acres treated, 2002	2,056	4,847	66	440	(D)	38,705	482	1,209
Chemicals used to control- <sup>1</sup>								
Insects ..... farms, 2007	167	213	10	51	33	122	28	174
..... farms, 2002	260	215	24	38	55	160	79	268
..... acres treated, 2007	3,513	12,942	87	1,664	32,577	33,283	4,010	9,236
..... acres treated, 2002	4,781	10,733	235	385	46,451	45,340	3,721	8,713
Weeds, grass, or brush ..... farms, 2007	269	354	25	111	46	328	70	290
..... farms, 2002	298	312	31	85	57	288	90	397
..... acres treated, 2007	7,097	21,198	316	3,476	46,236	81,535	8,337	24,281
..... acres treated, 2002	6,891	18,112	273	2,530	55,822	84,969	7,416	12,422
Nematodes ..... farms, 2007	27	41	-	4	9	3	11	52
..... farms, 2002	22	40	-	-	10	2	31	137
..... acres treated, 2007	505	1,794	-	39	(D)	29	1,109	5,270
..... acres treated, 2002	216	2,084	-	-	7,341	(D)	1,358	6,299
Diseases in crops and orchards ..... farms, 2007	34	61	-	27	7	14	7	41
..... farms, 2002	67	18	2	10	11	6	19	83
..... acres treated, 2007	237	2,257	-	353	5,450	1,139	330	1,730
..... acres treated, 2002	641	813	(D)	114	1,874	(D)	942	1,781
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007	16	33	-	3	-	22	4	19
..... farms, 2002	75	27	-	2	1	7	10	30
..... acres treated, 2007	601	1,229	-	3	-	3,310	569	483
..... acres treated, 2002	751	488	-	(D)	(D)	5,388	547	1,016

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	Warren	Washington	Watauga	Wayne	Wilkes	Wilson	Yadkin	Yancey
Commercial fertilizer, lime, and soil conditioners <sup>1,2</sup> .....farms, 2007	134	104	346	462	374	188	593	254
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	17,583	72,647	9,030	113,844	20,218	76,529	46,244	4,845
.....acres treated, 2002	26,054	82,991	7,942	96,816	25,577	78,621	62,582	6,641
Cropland fertilized, except cropland pastured .....farms, 2007	93	92	257	389	185	164	355	189
.....farms, 2002	119	125	454	428	353	192	620	347
.....acres treated, 2007	12,863	72,239	4,800	110,697	10,390	76,024	32,739	2,356
.....acres treated, 2002	16,614	82,644	3,691	92,737	11,357	77,270	48,413	3,055
Pastureland and rangeland fertilized .....farms, 2007	68	20	152	116	254	36	387	103
.....farms, 2002	107	22	272	152	355	45	426	126
.....acres treated, 2007	4,720	408	4,230	3,147	9,828	505	13,505	2,489
.....acres treated, 2002	9,440	347	4,251	4,079	14,220	1,351	14,169	3,586
Manure <sup>1</sup> .....farms, 2007	31	15	84	171	288	18	172	35
.....farms, 2002	15	24	135	144	481	5	293	36
.....acres treated, 2007	1,925	961	1,061	11,326	18,850	1,087	12,330	305
.....acres treated, 2002	1,120	1,607	2,047	13,771	18,778	1,285	14,335	784
Chemicals used to control- <sup>1</sup>								
Insects .....farms, 2007	45	69	104	269	74	128	128	74
.....farms, 2002	86	94	210	276	77	158	205	174
.....acres treated, 2007	3,513	52,132	1,447	71,691	6,408	58,138	8,197	452
.....acres treated, 2002	5,124	67,737	1,350	63,003	3,649	61,469	18,548	956
Weeds, grass, or brush .....farms, 2007	82	81	195	376	288	158	314	123
.....farms, 2002	83	131	324	394	365	185	448	181
.....acres treated, 2007	11,505	58,203	3,262	93,975	11,949	67,017	26,379	1,643
.....acres treated, 2002	10,359	77,556	2,572	89,819	19,078	74,064	41,958	2,044
Nematodes .....farms, 2007	18	10	6	86	6	54	23	7
.....farms, 2002	54	16	36	127	5	95	92	38
.....acres treated, 2007	992	(D)	52	15,374	376	27,404	1,397	29
.....acres treated, 2002	3,573	12,718	57	15,011	399	18,826	2,533	150
Diseases in crops and orchards .....farms, 2007	14	17	38	40	20	30	34	22
.....farms, 2002	10	19	115	54	15	46	44	95
.....acres treated, 2007	319	18,545	474	5,237	293	19,232	780	122
.....acres treated, 2002	269	11,781	395	10,641	380	10,973	431	158
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> .....farms, 2007	12	14	11	59	12	44	25	4
.....farms, 2002	3	23	20	54	14	44	33	36
.....acres treated, 2007	767	8,333	41	13,501	204	16,606	1,119	24
.....acres treated, 2002	192	20,938	50	19,106	168	28,094	1,317	56

<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.