

Table 7. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used	North Carolina	Alamance	Alexander	Alleghany	Anson	Ashe	Avery
Commercial fertilizer ----- farms, 1982..	57 999	740	486	449	265	1 130	232
1978..	69 721	869	506	501	348	1 347	273
acres on which used, 1982..	4 049 074	30 430	14 280	10 900	45 275	10 592	2 344
1978..	4 220 452	37 740	16 895	17 514	47 423	15 141	3 347
Cropland fertilized, except pastureland ----- farms, 1982..	54 186	666	419	411	218	1 030	180
1978..	68 095	852	438	470	324	1 283	253
acres on which used, 1982..	3 725 327	24 977	9 020	6 299	40 163	5 106	1 371
1978..	3 845 568	32 234	9 774	9 631	40 734	7 930	2 155
Pastureland and rangeland fertilized ----- farms, 1982..	11 983	204	234	192	110	343	68
1978..	13 558	222	252	246	99	504	973
acres on which used, 1982..	323 747	5 453	5 260	4 601	5 112	5 486	1 973
1978..	374 884	5 506	7 121	7 883	6 689	7 211	1 192
Lime ----- farms, 1982..	16 934	234	121	111	95	236	28
1978..	22 500	254	147	170	130	284	62
acres on which used, 1982..	668 166	4 169	1 277	2 307	5 078	2 189	(D)
1978..	913 655	4 638	2 937	4 259	6 476	2 437	248
tons, 1982..	687 741	5 503	1 898	3 572	5 569	3 221	261
1978..	989 942	6 469	5 289	5 993	8 528	4 240	542
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ----- farms, 1982..	27 808	246	163	51	57	263	60
1978..	29 958	314	141	66	117	147	66
acres on which used, 1982..	1 670 485	4 121	3 042	1 526	8 261	1 046	1 024
1978..	1 498 494	7 425	2 216	1 518	12 205	1 710	472
Nematodes in crops ----- farms, 1982..	15 696	165	49	14	5	19	7
1978..	22 851	184	51	23	15	26	23
acres on which used, 1982..	615 848	2 101	209	(D)	1 377	49	8
1978..	753 045	3 075	740	500	180	135	73
Diseases in crops and orchards ----- farms, 1982..	9 313	72	62	34	22	324	42
1978..	5 921	77	28	9	5	89	54
acres on which used, 1982..	300 927	472	1 486	405	(D)	1 042	421
1978..	217 069	1 882	497	99	2 003	607	458
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	28 005	333	106	100	154	155	68
1978..	34 894	375	219	239	224	257	108
acres on which used, 1982..	2 823 213	14 307	4 711	2 365	38 526	1 366	581
1978..	2 618 750	15 166	6 853	8 542	34 356	2 206	757
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	5 201	50	25	23	14	69	2
1978..	6 006	57	42	26	6	53	46
acres on which used, 1982..	179 014	704	436	179	574	300	(D)
1978..	148 636	1 101	787	235	125	315	302

Chemicals used	Beaufort	Bertie	Bladen	Brunswick	Buncombe	Burke	Cabarrus
Commercial fertilizer ----- farms, 1982..	690	576	738	416	1 254	319	381
1978..	934	879	1 076	561	1 230	334	430
acres on which used, 1982..	90 678	68 697	59 895	21 832	22 257	9 099	27 418
1978..	100 427	78 271	67 178	21 396	20 114	11 131	42 965
Cropland fertilized, except pastureland ----- farms, 1982..	690	576	731	410	1 096	286	291
1978..	934	879	1 063	556	1 181	314	420
acres on which used, 1982..	90 346	67 882	59 323	21 354	12 838	6 829	23 119
1978..	98 852	77 145	65 677	20 930	13 252	7 141	34 514
Pastureland and rangeland fertilized ----- farms, 1982..	17	20	20	23	456	127	175
1978..	32	35	78	33	359	182	214
acres on which used, 1982..	332	815	572	478	9 419	2 270	4 299
1978..	1 575	1 126	1 501	466	6 862	3 990	8 451
Lime ----- farms, 1982..	225	208	182	87	368	108	134
1978..	317	346	326	155	315	87	185
acres on which used, 1982..	15 449	16 501	9 409	3 482	4 080	1 321	3 797
1978..	19 273	19 676	13 698	4 107	4 527	1 599	5 389
tons, 1982..	15 403	10 033	9 971	3 830	5 096	2 480	3 966
1978..	19 918	14 592	17 422	4 633	6 227	2 944	7 013
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ----- farms, 1982..	479	496	472	216	377	76	56
1978..	518	606	559	262	279	50	86
acres on which used, 1982..	53 747	43 721	33 419	10 969	4 320	1 078	1 436
1978..	48 577	42 470	25 906	10 753	2 539	2 432	6 242
Nematodes in crops ----- farms, 1982..	159	215	252	115	84	9	1
1978..	304	289	316	144	48	14	19
acres on which used, 1982..	7 535	14 533	11 371	2 484	984	1 150	(D)
1978..	15 903	17 146	16 760	2 372	1 401	535	2 103
Diseases in crops and orchards ----- farms, 1982..	122	165	123	48	368	57	17
1978..	91	159	64	60	119	58	32
acres on which used, 1982..	5 137	11 646	5 109	904	887	360	552
1978..	7 189	8 292	3 333	728	487	354	453
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	533	479	410	214	280	147	142
1978..	594	616	711	290	320	119	226
acres on which used, 1982..	82 135	59 534	40 158	17 778	5 749	3 821	12 490
1978..	77 391	64 666	47 367	13 464	6 118	3 869	18 627
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	85	65	91	12	97	9	-
1978..	68	120	63	39	27	64	1
acres on which used, 1982..	5 463	3 192	1 810	543	699	156	-
1978..	2 840	2 629	1 747	313	109	446	(D)

Table 7. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used	1982							1978						
	Caldwell	Camden	Carteret	Caswell	Catawba	Chatham	Cherokee	Caldwell	Camden	Carteret	Caswell	Catawba	Chatham	Cherokee
Commercial fertilizer ----- farms,	335	102	129	789	542	510	197	336	126	138	907	547	602	230
acres on which used,	10 417	33 703	(D)	18 158	42 880	26 429	2 156	8 720	36 639	21 508	26 381	37 443	27 773	6 700
Cropland fertilized, except pastureland ----- farms,	280	102	123	761	384	434	152	325	126	132	907	505	555	218
acres on which used,	8 016	33 639	31 284	15 139	31 775	21 795	1 001	6 161	36 435	15 172	20 801	26 222	18 535	4 015
Pastureland and rangeland fertilized ----- farms,	137	7	16	178	260	140	77	145	7	15	205	266	196	79
acres on which used,	2 401	64	(D)	3 019	11 105	4 634	1 155	2 559	204	6 336	5 580	11 221	9 238	2 685
Lime ----- farms,	107	42	33	122	173	135	89	148	55	50	176	297	220	63
acres on which used,	1 699	7 663	1 186	1 559	4 578	2 530	960	1 973	9 492	14 758	2 477	9 856	4 817	821
tons,	2 999	6 670	923	2 111	5 387	4 178	1 356	3 255	11 847	14 815	3 166	12 416	6 100	1 428
Sprays, dusts, granules, fumigants, etc., to control—														
Insects on hay and other crops ----- farms,	66	62	97	392	59	139	63	123	77	88	400	102	234	72
acres on which used,	1 585	23 511	17 127	4 776	973	3 705	1 325	2 550	18 359	9 205	5 317	3 830	5 423	1 371
Nematodes in crops ----- farms,	31	6	55	264	-	52	-	26	25	55	393	11	86	31
acres on which used,	154	1 404	2 282	3 342	-	816	-	318	4 689	2 185	4 341	456	2 286	551
Diseases in crops and orchards ----- farms,	7	-	19	71	33	39	26	4	5	26	30	12	16	39
acres on which used,	112	-	426	745	287	482	124	38	2 235	375	426	613	127	365
Weeds, grass, or brush in crops and pasture ----- farms,	133	67	84	265	215	257	68	207	103	88	301	297	350	102
acres on which used,	3 683	31 811	16 685	5 597	21 012	13 679	1 383	3 393	34 390	11 797	7 780	17 078	12 286	2 209
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms,	26	-	15	37	13	20	13	2	6	42	85	11	76	15
acres on which used,	281	-	360	497	234	375	37	(D)	500	1 370	1 456	289	2 703	25

Chemicals used	1982							1978							
	Chowan	Clay	Cleveland	Columbus	Craven	Cumberland	Currituck	Dare	Chowan	Clay	Cleveland	Columbus	Craven	Cumberland	Currituck
Commercial fertilizer ----- farms,	191	185	661	1 446	480	505	118	4	248	166	697	1 913	603	642	121
acres on which used,	33 829	4 515	53 682	87 373	40 650	54 207	31 048	(D)	34 780	3 962	62 362	94 157	51 430	59 371	36 360
Cropland fertilized, except pastureland ----- farms,	185	138	528	1 442	488	497	118	4	248	160	616	1 907	602	636	121
acres on which used,	33 654	2 416	42 608	85 737	39 730	53 372	(D)	(D)	34 422	2 318	46 875	91 461	50 083	56 968	36 360
Pastureland and rangeland fertilized ----- farms,	27	108	279	87	28	37	2	-	10	78	347	156	20	64	-
acres on which used,	175	2 099	11 074	1 636	920	835	(D)	-	358	1 644	15 487	2 696	1 347	2 403	-
Lime ----- farms,	69	60	249	338	137	168	44	1	151	68	330	550	217	287	78
acres on which used,	2 492	543	10 084	11 856	7 196	7 943	5 067	(D)	9 041	835	16 367	18 614	8 451	13 537	13 212
tons,	1 541	1 066	13 278	10 938	8 633	6 759	5 137	(D)	9 028	1 455	20 522	17 955	8 543	13 377	13 572
Sprays, dusts, granules, fumigants, etc., to control—															
Insects on hay and other crops ----- farms,	150	49	129	891	342	335	70	3	189	62	125	337	237	450	73
acres on which used,	19 965	232	6 082	44 776	23 497	28 083	19 783	(D)	16 374	616	5 595	37 382	21 728	32 516	17 119
Nematodes in crops ----- farms,	93	15	11	663	202	127	13	-	155	7	41	1 149	267	180	32
acres on which used,	7 956	22	1 834	22 661	7 354	7 091	(D)	-	9 744	247	1 552	32 713	10 326	6 585	5 007
Diseases in crops and orchards ----- farms,	88	13	47	328	60	52	17	-	51	7	68	150	57	29	18
acres on which used,	4 245	20	1 463	6 679	2 766	1 478	(D)	-	2 749	(D)	1 526	6 229	2 117	3 196	1 828
Weeds, grass, or brush in crops and pasture ----- farms,	142	73	275	809	267	326	94	1	169	91	411	1 285	358	379	82
acres on which used,	29 358	1 661	35 876	62 927	30 926	40 127	30 662	(D)	26 209	1 583	39 979	70 410	32 835	39 677	31 364
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms,	63	35	19	85	14	46	2	-	24	17	31	148	41	71	-
acres on which used,	3 954	600	952	2 256	904	1 222	(D)	-	994	359	3 204	2 703	833	1 861	-

Table 7. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used	Davidson		Davie		Duplin		Durham		Edgecombe		Forsyth		Franklin		Gaston	
	1982	1978	1982	1978	1982	1978	1982	1978	1982	1978	1982	1978	1982	1978	1982	1978
Commercial fertilizer ----- farms,	989	1 088	525	525	1 471	1 806	215	314	513	682	712	841	721	992	280	324
acres on which used,	40 705	40 368	19 236	26 827	130 260	109 903	6 913	10 888	101 980	106 914	14 243	17 477	34 914	40 761	16 815	19 010
Cropland fertilized, except pastureland ----- farms,	917	1 068	378	497	1 470	1 794	206	305	513	682	655	811	690	975	214	312
acres on which used,	32 934	31 905	12 597	16 536	129 611	107 888	5 414	8 072	99 721	103 175	11 365	14 401	31 366	36 008	10 783	13 163
Pastureland and rangeland fertilized ----- farms,	418	375	215	252	44	117	36	64	45	84	192	226	91	108	159	159
acres on which used,	7 771	8 463	6 639	10 291	649	2 015	1 499	2 816	2 259	3 739	2 878	3 076	3 548	4 753	6 032	5 847
Lime ----- farms,	278	467	158	235	288	461	60	65	201	238	202	233	220	204	94	193
acres on which used,	5 995	6 520	2 922	4 419	15 950	17 591	605	2 635	22 364	23 950	2 863	2 322	7 482	7 124	4 340	4 793
tons,	7 358	8 604	3 833	5 984	14 884	20 856	904	2 661	13 587	20 247	4 351	3 420	7 681	8 244	5 390	6 605
Sprays, dusts, granules, fumigants, etc., to control—																
insects on hay and other crops ----- farms,	239	319	113	212	896	979	109	165	395	445	267	282	424	461	19	110
acres on which used,	4 724	5 495	2 109	3 670	76 287	37 805	2 314	3 110	50 814	50 311	3 693	4 357	11 261	11 918	1 007	1 950
Nematodes in crops ----- farms,	143	157	28	19	585	852	77	84	279	417	130	144	259	402	1	26
acres on which used,	1 114	1 562	1 392	669	37 949	34 289	1 926	2 125	12 979	23 106	1 429	1 489	7 702	6 678	(D)	681
Diseases in crops and orchards ----- farms,	51	24	56	-	241	160	31	18	119	148	124	17	90	14	13	33
acres on which used,	276	172	745	-	15 260	7 018	850	126	8 120	8 988	944	131	4 296	737	59	329
Weeds, grass, or brush in crops and pasture ----- farms,	343	514	129	246	905	1 119	65	127	359	478	279	370	321	444	82	141
acres on which used,	14 936	17 113	7 533	11 473	97 060	74 463	2 739	4 401	71 674	79 365	4 991	4 864	27 252	26 329	6 401	5 745
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms,	92	83	37	18	183	133	5	50	144	113	73	74	94	105	-	7
acres on which used,	1 495	789	1 214	241	5 622	2 282	100	458	8 083	4 781	812	436	2 504	1 794	-	8

Chemicals used	Gates		Graham		Granville		Greene		Guilford		Halifax		Harnett		Haywood	
	1982	1978	1982	1978	1982	1978	1982	1978	1982	1978	1982	1978	1982	1978	1982	1978
Commercial fertilizer ----- farms,	241	323	182	195	917	1 085	611	714	1 131	1 217	463	600	963	1 266	832	858
acres on which used,	36 416	41 227	1 023	1 760	26 610	33 237	55 748	58 538	42 005	38 916	94 923	60 637	60 637	70 438	14 413	13 926
Cropland fertilized, except pastureland ----- farms,	236	318	168	195	885	1 081	611	712	1 088	1 193	463	598	939	1 244	786	833
acres on which used,	35 727	40 855	556	1 320	20 714	26 947	55 097	57 670	35 969	32 971	91 588	57 911	57 911	67 976	6 871	8 437
Pastureland and rangeland fertilized ----- farms,	37	19	57	39	165	171	33	34	351	255	48	42	98	105	235	345
acres on which used,	689	372	467	440	5 896	6 290	651	868	7 036	5 945	3 335	3 326	2 726	2 462	7 542	5 489
Lime ----- farms,	82	219	70	34	168	184	176	250	244	348	205	290	164	272	257	258
acres on which used,	4 529	14 287	336	1 177	3 063	3 847	12 736	14 399	6 313	6 772	22 228	27 418	5 443	10 238	2 302	3 055
tons,	3 494	12 846	526	315	3 348	4 568	7 604	12 968	8 977	10 413	17 115	20 454	5 071	10 028	4 255	3 872
Sprays, dusts, granules, fumigants, etc., to control—																
insects on hay and other crops ----- farms,	186	217	87	73	442	508	415	361	398	432	378	393	575	685	232	154
acres on which used,	20 285	24 934	215	599	7 108	11 636	20 831	17 521	8 240	6 406	57 929	47 221	26 069	27 949	2 456	2 908
Nematodes in crops ----- farms,	105	188	27	10	297	390	392	542	289	403	169	309	483	748	50	49
acres on which used,	8 688	12 622	32	10	3 453	6 080	19 041	19 773	4 629	6 440	18 225	33 500	15 932	20 505	518	319
Diseases in crops and orchards ----- farms,	79	62	79	29	102	48	162	95	91	66	177	140	166	40	220	136
acres on which used,	3 511	5 310	111	29	2 832	1 053	5 241	2 668	1 769	797	13 878	10 982	4 175	1 663	1 777	1 354
Weeds, grass, or brush in crops and pasture ----- farms,	209	245	56	63	249	271	443	502	504	533	349	451	563	680	290	292
acres on which used,	29 131	30 877	(D)	337	6 612	9 546	46 498	42 219	20 775	15 866	85 683	85 043	39 863	35 778	3 823	4 965
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms,	31	28	10	14	53	112	68	119	83	90	101	134	89	143	53	38
acres on which used,	3 175	919	1 026	24	1 026	2 264	1 896	2 464	1 035	1 701	12 210	8 866	2 480	1 912	647	247

Table 7. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used	Henderson	Hertford	Hoke	Hyde	Iredell	Jackson	Johnston	Jones
Commercial fertilizer ----- farms, 1982..	487	306	174	167	960	217	1 924	287
1978..	563	418	228	170	1 044	215	2 405	379
acres on which used, 1982..	23 149	43 709	34 219	58 554	58 119	3 064	124 081	33 439
1978..	26 518	42 577	39 627	51 203	68 485	3 788	125 028	40 253
Cropland fertilized, except pastureland ----- farms, 1982..	424	306	153	167	790	180	1 862	280
1978..	545	418	211	170	981	206	2 360	379
acres on which used, 1982..	18 746	43 534	33 914	(D)	43 272	1 998	119 102	33 299
1978..	20 984	42 297	39 211	49 823	49 450	1 733	120 127	40 018
Pastureland and rangeland fertilized ----- farms, 1982..	140	4	25	2	438	94	244	7
1978..	156	16	21	10	533	95	242	8
acres on which used, 1982..	4 403	175	305	(D)	14 847	1 066	4 979	140
1978..	5 534	280	416	1 380	19 035	2 055	4 901	235
Lime ----- farms, 1982..	202	139	43	80	372	113	596	99
1978..	223	196	111	112	464	91	711	111
acres on which used, 1982..	8 714	10 469	4 851	22 920	8 981	1 047	17 312	3 384
1978..	7 325	12 395	9 141	12 535	11 111	794	21 003	7 383
tons, 1982..	11 149	6 356	4 913	25 516	12 321	1 612	15 684	3 299
1978..	9 075	8 551	9 332	21 567	15 331	668	21 309	7 564
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	263	245	123	151	157	62	1 257	255
1978..	188	266	146	105	260	64	1 200	247
acres on which used, 1982..	13 423	23 240	28 022	52 908	5 448	756	55 270	17 728
1978..	7 292	26 545	21 544	28 275	7 242	437	44 367	18 918
Nematodes in crops ----- farms, 1982..	4	138	48	9	28	12	945	161
1978..	49	231	114	2	69	29	1 260	261
acres on which used, 1982..	1 440	12 099	7 134	(D)	1 130	24	32 649	15 816
1978..	1 092	11 198	4 498	(D)	1 831	182	36 192	9 986
Diseases in crops and orchards ----- farms, 1982..	289	91	24	3	18	29	221	92
1978..	331	118	10	6	22	23	138	41
acres on which used, 1982..	10 347	7 659	3 948	(D)	608	47	7 204	5 698
1978..	13 193	6 708	2 251	480	470	99	4 898	1 659
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	162	226	93	167	299	64	1 106	186
1978..	213	308	166	138	481	79	1 295	260
acres on which used, 1982..	11 162	39 688	30 613	77 988	20 853	1 025	82 904	25 593
1978..	7 693	36 385	34 159	49 898	23 221	1 409	66 232	31 658
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	63	42	32	-	28	-	192	118
1978..	78	97	57	-	31	13	217	57
acres on which used, 1982..	1 160	5 790	3 473	-	412	-	3 484	5 610
1978..	3 457	3 482	1 710	-	824	98	3 768	992
Chemicals used	Lee	Lenoir	Lincoln	McDowell	Macon	Madison	Martin	Mecklenburg
Commercial fertilizer ----- farms, 1982..	374	674	499	206	338	1 268	637	324
1978..	411	958	487	144	326	1 484	763	327
acres on which used, 1982..	11 928	74 344	28 609	4 903	7 190	8 703	73 354	20 876
1978..	12 962	85 141	33 570	4 238	6 998	10 186	70 050	22 215
Cropland fertilized, except pastureland ----- farms, 1982..	369	660	418	138	275	1 226	637	250
1978..	393	958	472	136	315	1 461	762	298
acres on which used, 1982..	10 532	73 617	22 397	3 265	3 903	5 822	72 148	14 984
1978..	10 071	84 602	24 727	2 998	3 482	6 525	68 815	16 375
Pastureland and rangeland fertilized ----- farms, 1982..	71	43	216	101	161	236	52	189
1978..	93	26	254	62	168	248	55	142
acres on which used, 1982..	1 396	727	6 212	1 638	3 287	2 881	1 206	5 892
1978..	2 891	539	8 843	1 240	3 516	3 661	1 235	5 840
Lime ----- farms, 1982..	97	227	214	51	128	394	160	106
1978..	84	342	259	76	130	278	341	101
acres on which used, 1982..	1 213	11 137	6 974	810	953	1 878	8 038	2 658
1978..	1 596	18 856	11 378	1 920	1 365	2 214	19 649	2 863
tons, 1982..	1 089	11 254	7 881	1 080	1 193	3 417	6 332	2 931
1978..	1 496	18 280	15 025	2 783	2 405	3 406	14 427	3 855
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	196	471	140	65	81	456	522	53
1978..	175	496	105	39	97	244	551	65
acres on which used, 1982..	4 359	24 753	5 339	1 713	395	1 562	46 342	1 838
1978..	2 920	26 297	5 860	1 231	1 321	1 228	38 556	2 371
Nematodes in crops ----- farms, 1982..	214	447	7	6	22	121	294	11
1978..	167	604	1	2	7	63	445	8
acres on which used, 1982..	4 373	23 936	64	174	403	375	12 221	560
1978..	2 188	26 730	(D)	(D)	195	131	18 083	687
Diseases in crops and orchards ----- farms, 1982..	66	148	36	36	73	398	190	3
1978..	23	68	83	60	48	116	140	29
acres on which used, 1982..	1 313	4 564	1 389	1 140	220	1 014	8 419	(D)
1978..	876	2 929	2 628	570	681	245	6 879	102
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	189	488	208	52	113	369	570	137
1978..	181	621	341	68	82	338	505	173
acres on which used, 1982..	7 439	58 369	13 189	1 286	1 834	1 505	70 923	10 719
1978..	7 271	57 363	19 603	1 500	1 040	3 039	46 375	12 421
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	48	74	18	15	-	154	81	3
1978..	30	126	17	6	11	109	133	2
acres on which used, 1982..	689	1 716	1 379	425	-	356	2 160	(D)
1978..	504	3 143	483	93	91	248	4 211	(D)

Table 7. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used	Mitchell	Montgomery	Moore	Nash	New Hanover	Northampton	Onslow	Orange
	Commercial fertilizer ----- farms, 1982..	387	190	579	838	49	388	471
----- farms, 1978..	375	228	677	1 076	54	523	648	456
acres on which used, 1982..	2 138	12 301	27 276	84 312	3 333	73 665	32 962	28 069
----- 1978..	2 904	17 762	25 963	76 219	(D)	82 846	38 766	26 021
Cropland fertilized, except pastureland ----- farms, 1982..	382	189	562	822	48	383	458	398
----- farms, 1978..	370	216	664	1 066	52	523	647	426
acres on which used, 1982..	1 454	10 656	26 318	79 235	(D)	73 091	32 251	24 483
----- 1978..	2 055	16 705	23 606	73 777	2 931	81 019	38 067	21 023
Pastureland and rangeland fertilized ----- farms, 1982..	46	30	74	58	2	11	51	118
----- farms, 1978..	75	44	138	57	5	44	47	178
acres on which used, 1982..	684	1 645	958	5 077	(D)	574	711	3 586
----- 1978..	849	1 057	2 357	2 442	(D)	1 827	699	4 998
Lime ----- farms, 1982..	94	74	145	175	10	197	119	171
----- farms, 1978..	47	102	161	302	16	306	293	192
acres on which used, 1982..	1 067	2 013	4 180	12 278	265	18 823	5 702	4 570
----- 1978..	254	3 361	6 646	14 280	269	27 455	8 782	5 128
tons, 1982..	1 381	2 601	4 787	10 352	371	13 054	5 441	6 143
----- 1978..	458	3 610	8 236	10 853	357	16 771	10 168	7 705
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	111	47	222	576	31	320	318	190
----- farms, 1978..	102	54	281	620	21	349	349	198
acres on which used, 1982..	708	2 247	4 967	35 588	772	45 206	17 362	5 276
----- 1978..	430	3 591	7 602	31 266	744	46 262	15 913	5 354
Nematodes in crops ----- farms, 1982..	12	16	171	436	11	107	172	105
----- farms, 1978..	4	36	223	568	10	249	288	142
acres on which used, 1982..	48	705	3 403	15 676	181	12 148	8 917	2 909
----- 1978..	32	1 608	3 825	17 869	419	21 923	9 268	3 202
Diseases in crops and orchards ----- farms, 1982..	130	18	56	190	12	122	86	72
----- farms, 1978..	49	58	62	79	12	132	58	12
acres on which used, 1982..	707	743	1 327	11 528	116	14 567	3 439	878
----- 1978..	261	2 440	677	4 843	95	11 687	2 110	147
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	75	96	282	484	25	250	286	246
----- farms, 1978..	38	161	328	577	36	348	344	214
acres on which used, 1982..	773	8 089	15 435	57 023	2 702	67 050	20 209	16 196
----- 1978..	356	9 997	15 853	44 565	1 957	64 956	21 895	12 464
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	29	7	25	179	6	113	36	54
----- farms, 1978..	30	10	72	86	3	107	88	20
acres on which used, 1982..	109	151	395	7 654	71	15 102	1 236	1 770
----- 1978..	80	212	943	2 843	79	9 141	2 150	890
Chemicals used	Pamlico	Pasquotank	Pender	Perquimans	Person	Pitt	Polk	Randolph
Commercial fertilizer ----- farms, 1982..	113	228	420	265	697	936	166	961
----- farms, 1978..	149	258	526	341	900	1 198	173	1 104
acres on which used, 1982..	25 086	55 461	39 381	55 046	31 974	126 965	8 832	42 114
----- 1978..	25 252	51 126	39 246	59 272	26 602	124 841	5 975	58 030
Cropland fertilized, except pastureland ----- farms, 1982..	113	228	420	260	674	924	141	842
----- farms, 1978..	149	249	516	341	890	1 194	170	1 040
acres on which used, 1982..	25 038	55 296	39 131	54 851	29 202	124 507	5 956	35 058
----- 1978..	(D)	50 904	39 117	58 941	23 200	123 517	4 377	49 296
Pastureland and rangeland fertilized ----- farms, 1982..	8	7	28	15	98	55	75	256
----- farms, 1978..	1	21	17	21	119	47	84	322
acres on which used, 1982..	50	165	250	195	2 772	2 458	2 876	7 056
----- 1978..	(D)	222	129	331	3 402	1 324	1 598	8 734
Lime ----- farms, 1982..	35	76	44	94	178	236	68	318
----- farms, 1978..	66	110	160	160	144	510	97	421
acres on which used, 1982..	4 642	4 789	2 418	9 911	3 699	17 102	2 024	8 612
----- 1978..	8 286	7 168	6 692	9 329	2 523	27 798	1 900	10 138
tons, 1982..	3 923	10 694	3 994	8 179	3 998	13 134	2 677	12 489
----- 1978..	8 997	7 223	7 651	8 582	3 684	24 926	3 095	17 033
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	79	157	233	221	415	596	50	248
----- farms, 1978..	65	169	266	197	371	709	63	323
acres on which used, 1982..	16 583	37 198	22 210	40 328	11 246	50 337	1 454	4 394
----- 1978..	15 889	31 984	20 970	27 334	5 986	52 088	1 096	10 680
Nematodes in crops ----- farms, 1982..	16	39	90	58	285	565	20	105
----- farms, 1978..	56	64	144	87	400	784	12	140
acres on which used, 1982..	1 867	6 929	5 607	12 057	4 771	21 231	656	841
----- 1978..	5 464	3 866	6 520	4 857	4 504	30 238	57	3 102
Diseases in crops and orchards ----- farms, 1982..	22	16	49	58	90	193	34	32
----- farms, 1978..	3	35	43	26	45	151	49	26
acres on which used, 1982..	2 377	2 773	1 154	3 853	1 330	14 779	968	508
----- 1978..	506	2 786	2 844	2 494	401	6 916	857	310
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	79	182	286	226	308	622	60	490
----- farms, 1978..	121	191	315	228	339	860	64	638
acres on which used, 1982..	21 613	49 033	32 315	45 600	19 020	95 024	2 940	21 673
----- 1978..	17 106	39 677	30 209	40 469	8 900	96 087	1 026	31 441
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	7	7	31	26	75	162	8	56
----- farms, 1978..	4	4	30	2	79	175	6	72
acres on which used, 1982..	209	407	727	1 026	797	8 429	35	1 941
----- 1978..	376	281	687	(D)	1 469	5 265	120	909

Table 7. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used	Richmond								Robeson								Rockingham								Rowan								Rutherford								Sampson								Scotland								Stanly							
	1982		1978		1982		1978		1982		1978		1982		1978		1982		1978		1982		1978		1982		1978		1982		1978		1982		1978																													
Commercial fertilizer ----- farms,	192		284		1 673		2 176		1 158		1 434		759		750		455		492		1 420		1 951		120		141		503		559																																	
	22 395		29 018		173 592		176 726		27 462		29 464		61 832		51 834		19 707		22 633		127 283		142 697		39 542		40 894		72 306		60 543																																	
Cropland fertilized, except pastureland ----- farms,	169		270		1 665		2 172		1 129		1 415		670		733		333		447		1 396		1 946		116		137		422		513																																	
	18 791		27 151		172 633		175 292		24 243		24 696		51 386		41 059		11 046		15 569		124 944		137 847		39 303		38 838		66 517		54 471																																	
Pastureland and rangeland fertilized ----- farms,	60		47		72		142		200		230		319		349		221		218		102		182		12		24		196		235																																	
	3 604		1 867		959		1 434		3 219		4 768		10 446		10 775		8 661		7 064		2 339		4 850		2 056		239		5 789		6 072																																	
Lime ----- farms,	80		88		527		683		266		314		311		353		146		233		375		664		31		63		254		284																																	
	3 546		6 893		30 880		41 025		4 365		4 298		12 404		13 037		2 219		4 930		15 720		36 782		3 802		10 491		21 822		24 861																																	
Sprays, dusts, granules, fumigants, etc., to control ----- farms,	94		130		1 108		1 194		581		710		104		176		47		129		1 004		1 139		70		81		49		76																																	
	7 479		7 626		97 291		80 068		7 970		9 415		5 699		6 503		1 194		3 430		67 000		57 320		30 218		26 463		3 771		3 984																																	
Nematodes in crops ----- farms,	77		56		650		849		447		776		11		48		7		25		551		807		30		46		2		25																																	
	2 041		4 347		31 273		35 927		5 339		9 670		774		1 745		140		652		24 655		38 468		5 419		6 627		(D)		835																																	
Diseases in crops and orchards ----- farms,	12		13		229		177		158		102		10		43		7		28		239		140		10		17		1		-																																	
	1 745		1 341		11 151		6 754		1 762		1 411		983		464		1 005		7		12 248		8 322		911		867		(D)		-																																	
Weeds, grass, or brush in crops and pasture ----- farms,	92		127		756		1 091		468		341		297		421		119		232		879		1 133		69		79		318		391																																	
	6 317		13 344		107 517		109 762		11 771		7 894		33 866		24 806		3 771		9 328		90 293		78 104		29 641		21 467		66 489		46 093																																	
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms,	9		23		106		171		155		208		8		11		2		6		101		184		30		57		40		11																																	
	172		1 152		6 659		7 635		1 440		2 220		641		236		(D)		375		4 571		4 780		9 893		9 064		3 014		688																																	

Chemicals used	Stokes		Surry		Swain		Transylvania		Tyrrell		Union		Vance		Wake		
	1982		1978		1982		1978		1982		1978		1982		1978		
Commercial fertilizer ----- farms,	1 444		1 669		1 301		66		172		108		787		459		
	20 599		18 957		39 679		40 669		889		5 672		40 683		137 059		15 283
Cropland fertilized, except pastureland ----- farms,	1 416		1 650		1 220		59		132		108		672		445		
	15 922		15 258		1 663		32 153		561		3 062		40 551		130 621		13 032
Pastureland and rangeland fertilized ----- farms,	247		220		319		19		115		4		228		52		
	4 677		3 699		7 526		8 533		328		2 610		132		6 438		2 251
Lime ----- farms,	323		248		338		26		84		27		218		93		
	4 819		2 430		6 209		192		2 860		3 368		14 939		2 486		
Sprays, dusts, granules, fumigants, etc., to control ----- farms,	793		663		24		37		70		81		268		546		
	5 080		5 068		13 480		10 378		(D)		1 572		22 141		7 605		
Nematodes in crops ----- farms,	555		775		349		665		-		7		19		436		
	3 323		6 374		4 859		7 636		(D)		-		2 818		762		
Diseases in crops and orchards ----- farms,	315		121		139		76		8		20		5		24		
	2 015		1 265		2 757		797		41		69		991		870		
Weeds, grass, or brush in crops and pasture ----- farms,	566		558		469		657		33		70		85		454		
	7 465		6 342		19 692		14 096		397		2 261		33 958		115 798		
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms,	129		188		152		174		4		3		7		82		
	560		1 310		1 125		1 674		11		8		1 387		1 713		

Table 7. Agricultural Chemicals Used, Including Fertilizer and Lime: 1982 and 1978—Con.

[Data are based on a sample of farms. For meaning of abbreviations and symbols, see introductory text]

Chemicals used	Warren	Washington	Watauga	Wayne	Wilkes	Wilson	Yadkin	Yancey
Commercial fertilizer ----- farms, 1982..	408	254	690	1 121	615	810	1 105	747
1978..	518	342	761	1 398	822	1 044	1 322	813
acres on which used, 1982..	16 763	71 616	6 890	112 711	14 540	70 707	43 623	4 669
1978..	19 254	60 592	5 910	115 085	20 356	75 111	46 733	6 190
Cropland fertilized, except pastureland ----- farms, 1982..	399	254	633	1 112	498	809	1 037	728
1978..	498	339	730	1 398	774	1 043	1 282	813
acres on which used, 1982..	13 346	70 786	3 739	110 791	10 586	70 414	37 019	3 192
1978..	16 349	59 678	3 395	113 487	15 268	73 310	38 454	4 256
Pastureland and rangeland fertilized ----- farms, 1982..	53	33	174	99	222	23	331	140
1978..	104	23	209	103	281	66	378	161
acres on which used, 1982..	3 417	830	3 151	1 920	3 954	293	6 604	1 477
1978..	2 905	914	2 515	1 598	5 088	1 801	8 279	1 934
Lime ----- farms, 1982..	87	104	154	347	159	254	394	234
1978..	102	167	111	494	305	248	557	118
acres on which used, 1982..	4 640	11 380	1 063	18 705	2 757	10 816	11 542	1 254
1978..	2 809	20 862	824	25 373	3 856	13 512	9 127	1 445
tons, 1982..	3 210	11 541	1 491	14 175	4 154	7 360	15 024	2 341
1978..	2 380	26 608	1 484	25 731	5 808	12 088	13 093	2 423
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ----- farms, 1982..	211	181	171	881	165	629	506	180
1978..	225	211	107	855	277	575	563	143
acres on which used, 1982..	3 957	42 032	543	44 550	2 776	32 342	13 104	622
1978..	5 028	30 043	601	39 780	6 317	27 002	7 832	293
Nematodes in crops ----- farms, 1982..	145	24	14	582	64	515	334	35
1978..	254	67	36	845	162	650	539	40
acres on which used, 1982..	2 483	3 433	36	31 906	2 011	18 110	5 954	139
1978..	4 829	4 604	351	41 509	1 930	16 424	5 996	51
Diseases in crops and orchards ----- farms, 1982..	15	46	190	163	57	184	50	160
1978..	47	31	45	115	64	85	62	54
acres on which used, 1982..	814	2 257	341	5 919	777	7 493	1 122	424
1978..	1 481	1 453	124	5 198	2 078	3 558	741	131
Weeds, grass, or brush in crops and pasture ----- farms, 1982..	201	239	161	762	183	586	419	174
1978..	235	195	75	919	384	675	544	144
acres on which used, 1982..	12 346	75 584	639	81 770	6 013	58 887	18 103	802
1978..	8 586	47 204	443	80 149	8 292	49 028	18 084	2 573
Chemicals used for defoliation or for growth control of crops or thinning of fruit ----- farms, 1982..	41	2	67	133	51	118	79	30
1978..	62	44	42	128	44	122	136	40
acres on which used, 1982..	765	(D)	242	2 150	297	2 730	2 110	126
1978..	1 398	932	219	2 550	607	2 213	1 978	229