

**Table 10. Agricultural Chemicals Used, Including Fertilizer: 1992 and 1987**

[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, 1992 --	40 317	568	324	430	152	834	252
1987 --	46 980	642	359	351	182	949	217
acres on which used, 1992 --	3 741 135	33 541	14 492	19 790	23 924	11 215	4 774
1987 --	3 362 202	27 504	14 663	12 605	20 631	12 489	4 327
Cropland fertilized, except pastureland -----farms, 1992 --	35 765	443	227	373	137	720	241
1987 --	42 530	535	296	290	116	887	201
acres on which used, 1992 --	3 386 240	23 268	9 448	10 531	21 141	5 318	3 908
1987 --	3 035 770	21 150	9 621	8 264	16 403	6 664	2 895
Pastureland and rangeland fertilized -----farms, 1992 --	10 951	289	133	203	60	273	31
1987 --	10 783	270	138	116	95	257	67
acres on which used, 1992 --	354 895	10 273	5 044	9 259	2 783	5 897	866
1987 --	326 432	6 354	5 042	4 341	4 228	5 825	1 432
Sprays, dusts, granules, fumigants, etc., to control --							
Insects on hay and other crops -----farms, 1992 --	18 367	185	67	65	38	227	130
1987 --	24 458	237	112	97	26	286	121
acres on which used, 1992 --	1 531 775	4 078	2 459	2 130	2 728	1 112	2 208
1987 --	1 451 995	3 869	3 963	4 100	2 751	1 418	1 526
Nematodes in crops -----farms, 1992 --	7 805	36	18	19	3	28	13
1987 --	10 839	93	17	42	1	41	14
acres on which used, 1992 --	445 562	926	271	100	(D)	87	31
1987 --	404 368	856	350	352	(D)	497	14
Diseases in crops and orchards -----farms, 1992 --	6 379	39	38	90	4	189	69
1987 --	7 505	63	32	76	10	215	90
acres on which used, 1992 --	317 908	874	922	586	(D)	634	776
1987 --	243 372	819	801	325	667	851	1 258
Weeds, grass, or brush in crops and pasture -----farms, 1992 --	18 064	156	109	133	97	184	109
1987 --	24 298	241	208	126	114	342	132
acres on which used, 1992 --	2 493 561	14 688	4 238	5 587	20 044	1 711	1 460
1987 --	2 254 489	10 704	6 440	5 775	15 779	6 912	1 538
Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 --	3 702	36	13	22	12	58	31
1987 --	3 653	14	19	2	1	33	19
acres on which used, 1992 --	329 505	313	273	227	209	156	424
1987 --	137 014	181	437	(D)	(D)	142	65

  

Chemicals used	Beaufort	Bertie	Bladen	Brunswick	Buncombe	Burke	Cabarrus
Commercial fertilizer -----farms, 1992 --	396	379	496	167	886	259	323
1987 --	567	462	620	260	1 026	253	320
acres on which used, 1992 --	102 977	70 983	49 895	14 961	24 437	7 408	22 257
1987 --	85 174	59 216	46 794	12 760	22 691	8 129	27 617
Cropland fertilized, except pastureland -----farms, 1992 --	389	379	476	156	758	235	253
1987 --	552	462	601	237	914	158	244
acres on which used, 1992 --	102 292	70 320	48 598	14 531	12 444	5 509	13 055
1987 --	84 702	59 009	45 909	12 257	13 706	4 705	19 475
Pastureland and rangeland fertilized -----farms, 1992 --	8	14	59	16	312	83	174
1987 --	31	9	44	26	375	129	162
acres on which used, 1992 --	685	663	1 297	430	11 993	1 899	9 202
1987 --	472	207	885	503	8 985	3 424	8 142
Sprays, dusts, granules, fumigants, etc., to control --							
Insects on hay and other crops -----farms, 1992 --	234	319	274	74	188	103	59
1987 --	396	403	408	160	380	85	85
acres on which used, 1992 --	37 424	45 382	22 575	11 036	2 336	1 769	1 503
1987 --	47 829	45 388	23 085	5 291	3 205	1 690	1 699
Nematodes in crops -----farms, 1992 --	69	134	136	12	21	1	1
1987 --	174	218	232	91	32	16	--
acres on which used, 1992 --	3 970	11 303	6 261	2 400	572	(D)	(D)
1987 --	8 144	11 275	10 360	1 770	868	343	--
Diseases in crops and orchards -----farms, 1992 --	44	159	100	22	109	66	20
1987 --	96	200	118	59	163	39	26
acres on which used, 1992 --	2 810	12 600	4 754	1 803	899	867	90
1987 --	2 571	13 497	5 559	1 472	865	617	519
Weeds, grass, or brush in crops and pasture -----farms, 1992 --	295	278	300	93	217	137	67
1987 --	446	363	405	169	307	70	130
acres on which used, 1992 --	97 326	59 523	39 192	11 040	2 811	3 743	5 731
1987 --	78 085	57 338	32 466	12 471	9 323	2 154	13 094
Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 --	42	49	43	5	44	3	8
1987 --	54	94	77	23	68	16	--
acres on which used, 1992 --	5 294	9 890	3 208	47	676	(D)	40
1987 --	1 529	3 171	1 941	264	154	218	--

**Table 10. Agricultural Chemicals Used, Including Fertilizer: 1992 and 1987 –Con.**

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

Chemicals used	Counties							
	Caldwell	Camden	Carteret	Caswell	Catawba	Chatham	Cherokee	
Commercial fertilizer -----farms, 1992 --	237	74	84	527	392	416	199	
1987 --	298	83	100	612	486	560	175	
acres on which used, 1992 --	5 710	35 601	40 437	17 518	30 052	18 062	9 074	
1987 --	7 060	32 225	25 428	19 706	21 207	26 163	3 204	
Cropland fertilized, except pastureland -----farms, 1992 --	179	74	84	498	267	275	135	
1987 --	246	83	98	586	388	345	121	
acres on which used, 1992 --	3 643	35 461	(D)	13 023	18 384	9 482	4 865	
1987 --	4 130	32 160	(D)	15 455	14 916	13 136	1 856	
Pastureland and rangeland fertilized -----farms, 1992 --	92	5	2	125	252	212	110	
1987 --	98	4	2	145	232	271	68	
acres on which used, 1992 --	2 067	140	(D)	4 495	11 668	8 580	4 209	
1987 --	2 930	65	(D)	4 251	6 291	13 027	1 348	
Sprays, dusts, granules, fumigants, etc., to control --								
Insects on hay and other crops -----farms, 1992 --	89	35	44	330	41	118	49	
1987 --	110	70	69	398	66	125	56	
acres on which used, 1992 --	1 504	14 956	29 213	5 014	1 815	2 271	1 019	
1987 --	1 609	25 783	22 960	6 264	2 687	4 429	508	
Nematodes in crops -----farms, 1992 --	4	3	15	71	4	16	5	
1987 --	15	6	20	138	9	32	20	
acres on which used, 1992 --	86	(D)	1 044	1 076	296	536	(D)	
1987 --	138	825	1 783	1 685	33	702	157	
Diseases in crops and orchards -----farms, 1992 --	41	4	22	36	17	34	10	
1987 --	36	1	19	78	29	27	28	
acres on which used, 1992 --	269	(D)	3 284	617	210	378	31	
1987 --	342	(D)	1 209	1 340	56	348	104	
Weeds, grass, or brush in crops and pasture -----farms, 1992 --	96	68	64	169	122	164	83	
1987 --	125	67	78	218	171	243	78	
acres on which used, 1992 --	1 612	34 182	40 246	3 897	11 893	6 225	3 390	
1987 --	2 231	30 736	26 236	7 227	6 591	9 978	1 475	
Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 --	13	2	7	46	1	3	--	
1987 --	2	--	9	42	3	20	8	
acres on which used, 1992 --	33	(D)	331	744	(D)	(D)	--	
1987 --	(D)	--	188	594	241	337	8	

  

Chemicals used	Counties							
	Chowan	Clay	Cleveland	Columbus	Craven	Cumberland	Currituck	Dare
Commercial fertilizer -----farms, 1992 --	167	131	509	971	259	337	77	3
1987 --	200	144	532	1 193	370	418	80	4
acres on which used, 1992 --	34 636	3 457	29 816	82 391	46 508	45 465	27 817	(D)
1987 --	26 559	4 824	31 840	74 833	42 014	39 175	(D)	(D)
Cropland fertilized, except pastureland -----farms, 1992 --	147	104	360	936	255	294	77	3
1987 --	200	107	316	1 176	364	387	80	4
acres on which used, 1992 --	34 196	1 897	19 964	80 343	45 952	42 084	27 757	(D)
1987 --	26 314	1 706	16 767	73 525	41 533	36 668	(D)	(D)
Pastureland and rangeland fertilized -----farms, 1992 --	25	56	227	112	13	62	4	--
1987 --	8	72	319	71	12	59	2	--
acres on which used, 1992 --	440	1 560	9 852	2 048	556	3 381	60	--
1987 --	245	3 118	15 073	1 308	481	2 507	(D)	--
Sprays, dusts, granules, fumigants, etc., to control --								
Insects on hay and other crops -----farms, 1992 --	116	35	95	593	122	214	50	1
1987 --	187	30	105	781	270	316	64	2
acres on which used, 1992 --	20 648	(D)	3 780	31 681	21 526	20 849	10 641	(D)
1987 --	18 731	222	5 039	39 644	21 393	21 589	20 018	(D)
Nematodes in crops -----farms, 1992 --	53	5	7	414	90	82	8	1
1987 --	87	6	4	543	163	82	13	--
acres on which used, 1992 --	6 722	20	560	11 903	6 443	7 114	173	(D)
1987 --	5 016	(D)	(D)	15 384	8 358	3 372	1 484	--
Diseases in crops and orchards -----farms, 1992 --	69	17	25	240	35	63	17	1
1987 --	45	10	44	266	75	55	10	2
acres on which used, 1992 --	5 935	128	1 016	7 288	2 208	6 955	935	(D)
1987 --	2 841	55	548	5 719	1 784	2 374	238	(D)
Weeds, grass, or brush in crops and pasture -----farms, 1992 --	115	35	128	511	130	165	57	5
1987 --	187	62	207	801	276	186	69	4
acres on which used, 1992 --	28 968	707	13 846	48 590	35 138	33 604	30 827	3 520
1987 --	25 213	1 173	15 504	55 484	34 602	25 033	25 121	(D)
Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 --	83	9	27	92	30	25	--	--
1987 --	80	5	25	79	30	18	1	--
acres on which used, 1992 --	10 682	22	3 807	2 900	7 349	2 470	--	--
1987 --	4 110	50	1 045	988	790	496	(D)	--

**Table 10. Agricultural Chemicals Used, Including Fertilizer: 1992 and 1987 –Con.**

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

Chemicals used	Counties								
	Davidson	Davie	Duplin	Durham	Edgecombe	Forsyth	Franklin	Gaston	
Commercial fertilizer -----farms, 1992 --	698	425	990	132	281	500	434	245	
1987 --	887	420	1 204	168	401	589	533	245	
acres on which used, 1992 --	28 205	23 964	123 189	5 897	90 346	18 174	29 598	11 197	
1987 --	34 607	26 372	93 607	5 884	78 302	15 348	25 321	11 530	
Cropland fertilized, except pastureland -----farms, 1992 --	609	310	967	126	248	425	390	169	
1987 --	721	309	1 202	141	395	519	514	178	
acres on which used, 1992 --	22 585	13 927	121 683	4 834	88 280	13 157	26 530	6 813	
1987 --	26 369	16 630	92 441	4 321	77 288	10 304	23 498	7 133	
Pastureland and rangeland fertilized -----farms, 1992 --	255	230	60	38	83	163	74	125	
1987 --	398	218	45	36	28	196	48	134	
acres on which used, 1992 --	5 620	10 037	1 506	1 063	2 066	5 017	3 068	4 384	
1987 --	8 238	9 742	1 166	1 563	1 014	5 044	1 823	4 397	
Sprays, dusts, granules, fumigants, etc., to control --									
Insects on hay and other crops -----farms, 1992 --	188	90	549	74	187	216	259	18	
1987 --	282	70	778	105	319	176	317	55	
acres on which used, 1992 --	3 225	3 062	63 765	2 086	45 038	3 436	8 490	383	
1987 --	7 719	3 643	40 613	1 346	40 119	2 250	7 520	859	
Nematodes in crops -----farms, 1992 --	40	11	315	22	127	34	97	2	
1987 --	94	26	443	28	187	64	184	-	
acres on which used, 1992 --	1 470	231	20 784	857	11 347	561	4 434	(D)	
1987 --	1 476	677	14 402	317	10 042	757	3 290	-	
Diseases in crops and orchards -----farms, 1992 --	16	22	92	11	85	16	54	11	
1987 --	22	24	167	24	98	70	89	21	
acres on which used, 1992 --	166	290	11 640	377	12 673	173	2 949	23	
1987 --	254	220	5 821	134	10 695	424	2 159	161	
Weeds, grass, or brush in crops and pasture -----farms, 1992 --	178	98	590	42	210	96	235	38	
1987 --	301	93	845	65	277	226	297	77	
acres on which used, 1992 --	9 152	6 156	90 711	1 547	69 223	5 754	18 949	3 051	
1987 --	12 689	9 184	58 800	1 894	50 345	3 391	18 562	4 558	
Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 --	26	2	73	9	84	19	15	8	
1987 --	26	1	91	12	59	30	45	13	
acres on which used, 1992 --	1 094	(D)	8 876	288	17 731	210	492	157	
1987 --	312	(D)	1 524	197	6 994	241	475	27	

  

Chemicals used	Counties								
	Gates	Graham	Granville	Greene	Guilford	Halifax	Harnett	Haywood	
Commercial fertilizer -----farms, 1992 --	173	121	640	348	799	243	624	700	
1987 --	222	135	728	436	919	374	807	782	
acres on which used, 1992 --	42 694	1 380	22 236	78 713	41 148	97 204	53 137	12 447	
1987 --	35 730	776	21 302	53 912	37 146	88 704	44 805	14 735	
Cropland fertilized, except pastureland -----farms, 1992 --	158	115	588	346	671	224	552	623	
1987 --	216	130	685	436	792	365	724	694	
acres on which used, 1992 --	40 502	647	17 909	78 397	30 829	92 554	48 079	7 341	
1987 --	35 398	402	15 524	53 614	32 212	84 992	40 415	6 841	
Pastureland and rangeland fertilized -----farms, 1992 --	33	31	137	21	362	45	177	254	
1987 --	18	14	157	14	269	38	178	289	
acres on which used, 1992 --	2 192	733	4 327	316	10 319	4 650	5 058	5 106	
1987 --	332	374	5 778	298	4 934	3 712	4 390	7 894	
Sprays, dusts, granules, fumigants, etc., to control --									
Insects on hay and other crops -----farms, 1992 --	144	66	304	273	359	177	351	258	
1987 --	201	54	402	324	435	284	467	265	
acres on which used, 1992 --	26 975	139	7 463	35 417	7 784	63 647	25 198	2 007	
1987 --	25 282	(D)	6 793	22 567	8 533	54 990	20 163	1 922	
Nematodes in crops -----farms, 1992 --	29	5	75	202	62	56	273	32	
1987 --	62	1	136	309	150	125	375	65	
acres on which used, 1992 --	5 253	14	1 646	18 503	1 696	13 247	12 414	107	
1987 --	4 546	(D)	2 078	12 478	1 905	14 924	10 029	402	
Diseases in crops and orchards -----farms, 1992 --	94	34	29	98	70	67	114	203	
1987 --	88	16	94	92	143	113	164	155	
acres on which used, 1992 --	7 028	74	778	8 109	1 380	17 803	4 599	983	
1987 --	4 813	35	2 639	3 272	3 014	15 936	4 688	1 149	
Weeds, grass, or brush in crops and pasture -----farms, 1992 --	129	25	99	255	240	144	276	265	
1987 --	180	24	235	310	392	293	481	351	
acres on which used, 1992 --	36 365	38	5 003	56 680	13 714	72 440	25 775	3 551	
1987 --	31 054	(D)	7 539	38 541	17 796	72 154	31 171	5 051	
Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 --	62	10	49	89	48	117	83	55	
1987 --	48	7	53	44	120	118	101	56	
acres on which used, 1992 --	7 530	29	1 134	7 547	1 423	33 221	8 178	483	
1987 --	2 287	9	1 062	2 361	2 036	13 641	4 243	613	

Table 10. **Agricultural Chemicals Used, Including Fertilizer: 1992 and 1987** –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, 1992 --	426	160	125	125	713	149	1 232	150
1987 --	447	248	141	139	867	209	1 487	239
acres on which used, 1992 --	21 804	31 200	36 041	61 871	52 848	2 783	114 527	39 689
1987 --	23 622	35 079	38 083	55 518	55 559	2 747	97 299	31 262
Cropland fertilized, except pastureland -----farms, 1992 --	402	160	116	122	519	124	1 127	148
1987 --	430	248	136	139	610	173	1 409	239
acres on which used, 1992 --	18 819	31 200	35 196	61 796	38 917	1 497	106 076	38 547
1987 --	21 560	(D)	37 665	55 481	36 809	1 833	91 689	31 052
Pastureland and rangeland fertilized -----farms, 1992 --	64	--	25	8	385	75	263	32
1987 --	62	2	20	3	451	85	212	11
acres on which used, 1992 --	2 985	--	845	75	13 931	1 286	8 451	1 142
1987 --	2 062	(D)	418	37	18 750	914	5 610	210
Sprays, dusts, granules, fumigants, etc., to control --								
Insects on hay and other crops -----farms, 1992 --	294	112	85	81	156	45	724	104
1987 --	311	204	92	107	205	64	978	159
acres on which used, 1992 --	14 656	16 654	15 871	34 526	11 299	433	37 680	24 610
1987 --	14 971	24 401	22 825	29 995	7 039	280	37 485	16 645
Nematodes in crops -----farms, 1992 --	22	58	24	5	14	7	458	62
1987 --	31	105	38	11	15	17	667	107
acres on which used, 1992 --	1 218	5 096	4 842	2 105	1 116	36	22 076	7 233
1987 --	1 274	5 919	2 695	2 425	508	39	23 098	7 195
Diseases in crops and orchards -----farms, 1992 --	253	54	22	14	24	25	173	41
1987 --	271	75	26	2	19	33	159	42
acres on which used, 1992 --	9 226	6 819	4 840	4 498	394	216	9 430	5 252
1987 --	9 005	6 492	1 457	(D)	215	67	6 527	3 200
Weeds, grass, or brush in crops and pasture -----farms, 1992 --	261	110	82	98	156	56	667	101
1987 --	236	176	86	130	324	90	945	188
acres on which used, 1992 --	15 822	27 914	25 654	65 283	17 386	548	65 608	26 962
1987 --	10 325	32 948	27 244	59 588	19 284	1 528	63 678	26 715
Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 --	99	32	29	4	24	1	97	36
1987 --	110	19	43	--	7	5	141	24
acres on which used, 1992 --	2 879	3 412	8 568	569	1 023	(D)	7 553	8 603
1987 --	3 078	1 542	3 951	--	(D)	5	3 283	1 130

  

Chemicals used	Lee	Lenoir	Lincoln	McDowell	Macon	Madison	Martin	Mecklenburg
Commercial fertilizer -----farms, 1992 --	207	459	366	135	238	1 083	426	206
1987 --	314	607	366	167	195	1 183	531	223
acres on which used, 1992 --	9 630	91 181	21 491	4 427	4 440	8 732	70 768	11 103
1987 --	10 725	66 589	22 819	4 803	4 159	9 256	63 905	8 967
Cropland fertilized, except pastureland -----farms, 1992 --	180	452	222	97	214	1 048	413	160
1987 --	287	607	298	140	167	1 165	531	163
acres on which used, 1992 --	7 453	90 790	16 211	2 756	2 922	4 816	69 493	7 716
1987 --	8 946	66 196	17 491	3 449	2 489	6 268	62 623	6 628
Pastureland and rangeland fertilized -----farms, 1992 --	78	20	204	61	95	140	46	117
1987 --	75	46	125	66	93	166	60	109
acres on which used, 1992 --	2 177	391	5 280	1 671	1 518	3 916	1 275	3 387
1987 --	1 779	393	5 328	1 354	1 670	2 988	1 282	2 339
Sprays, dusts, granules, fumigants, etc., to control --								
Insects on hay and other crops -----farms, 1992 --	92	322	49	29	50	461	341	44
1987 --	185	484	150	71	92	571	407	49
acres on which used, 1992 --	2 650	48 629	1 632	448	1 122	1 605	46 719	1 026
1987 --	2 742	27 500	5 369	938	834	1 668	38 004	1 383
Nematodes in crops -----farms, 1992 --	86	237	8	1	6	79	188	3
1987 --	159	324	1	2	6	54	288	11
acres on which used, 1992 --	1 886	22 393	175	(D)	21	245	14 870	234
1987 --	2 060	14 390	(D)	(D)	36	214	12 917	333
Diseases in crops and orchards -----farms, 1992 --	27	106	14	13	21	262	183	15
1987 --	60	161	58	36	23	313	187	8
acres on which used, 1992 --	948	10 420	302	232	691	723	12 318	105
1987 --	1 031	6 936	1 003	198	276	1 072	8 801	27
Weeds, grass, or brush in crops and pasture -----farms, 1992 --	97	295	144	41	55	326	305	34
1987 --	171	499	148	100	72	354	429	102
acres on which used, 1992 --	3 799	64 430	10 811	911	410	2 675	55 806	3 371
1987 --	6 823	50 470	8 596	2 405	716	3 746	50 960	5 725
Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 --	22	91	5	1	--	85	80	3
1987 --	38	40	15	6	17	91	52	--
acres on which used, 1992 --	651	11 838	414	(D)	--	256	8 165	(D)
1987 --	1 170	1 863	480	6	21	253	2 608	--

**Table 10. Agricultural Chemicals Used, Including Fertilizer: 1992 and 1987 – Con.**

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Chemicals used	Mitchell	Montgomery	Moore	Nash	New Hanover	Northampton	Onslow	Orange
	Commercial fertilizer -----farms, 1992 --	276	145	457	422	49	314	366
1987 --	295	144	508	518	45	372	402	369
acres on which used, 1992 --	3 475	6 238	12 851	77 599	(D)	70 731	35 256	26 012
1987 --	2 264	6 593	13 489	67 654	2 159	68 356	28 853	35 209
Cropland fertilized, except pastureland -----farms, 1992 --	253	114	410	390	47	314	322	245
1987 --	288	117	429	491	43	363	389	332
acres on which used, 1992 --	1 999	5 063	10 740	73 810	(D)	70 113	34 208	20 177
1987 --	1 662	5 533	11 118	64 794	2 071	66 627	28 463	25 724
Pastureland and rangeland fertilized -----farms, 1992 --	80	50	104	76	2	11	69	121
1987 --	57	35	92	55	4	45	36	181
acres on which used, 1992 --	1 476	1 175	2 111	3 789	(D)	618	1 048	5 835
1987 --	602	1 060	2 371	2 860	88	1 729	390	9 485
Sprays, dusts, granules, fumigants, etc., to control --								
Insects on hay and other crops -----farms, 1992 --	127	45	199	271	28	268	194	105
1987 --	179	59	267	335	22	300	193	169
acres on which used, 1992 --	505	1 552	4 358	43 762	1 181	56 441	14 081	4 312
1987 --	897	1 798	3 749	33 824	350	54 425	12 348	4 581
Nematodes in crops -----farms, 1992 --	25	16	83	167	5	100	124	57
1987 --	-	14	123	207	4	97	129	65
acres on which used, 1992 --	68	541	2 520	14 439	38	13 849	5 701	1 457
1987 --	-	206	2 260	11 740	(D)	14 564	5 465	1 182
Diseases in crops and orchards -----farms, 1992 --	71	31	68	95	14	134	42	45
1987 --	58	21	61	94	9	119	35	29
acres on which used, 1992 --	353	2 018	1 388	5 113	79	19 121	1 562	686
1987 --	398	724	888	8 888	88	16 742	1 099	241
Weeds, grass, or brush in crops and pasture -----farms, 1992 --	80	81	250	264	22	256	232	118
1987 --	65	58	245	377	23	317	264	190
acres on which used, 1992 --	631	4 563	7 568	56 275	440	61 584	26 383	9 238
1987 --	245	3 079	6 406	45 967	1 349	57 877	20 517	9 432
Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 --	35	13	31	75	-	161	25	11
1987 --	15	10	15	84	2	106	27	25
acres on which used, 1992 --	133	173	853	12 730	-	24 067	1 489	278
1987 --	86	87	238	4 476	(D)	8 996	518	6 107

  

Chemicals used	Pamlico	Pasquotank	Pender	Perquimans	Person	Pitt	Polk	Randolph
	Commercial fertilizer -----farms, 1992 --	67	164	283	199	419	496	126
1987 --	67	197	316	233	486	639	145	809
acres on which used, 1992 --	31 468	61 194	30 192	51 923	25 970	109 321	5 039	41 095
1987 --	25 632	56 798	21 449	48 860	23 961	100 132	6 002	37 151
Cropland fertilized, except pastureland -----farms, 1992 --	63	163	241	198	406	480	93	585
1987 --	67	191	313	233	453	631	93	643
acres on which used, 1992 --	31 395	61 074	29 375	51 631	22 103	108 227	3 227	29 203
1987 --	25 583	56 450	21 283	47 301	18 639	98 415	3 064	27 774
Pastureland and rangeland fertilized -----farms, 1992 --	6	5	47	19	87	56	61	358
1987 --	3	24	7	40	81	30	83	322
acres on which used, 1992 --	73	120	817	292	3 867	1 094	1 812	11 892
1987 --	49	348	166	1 559	5 322	1 717	2 938	9 377
Sprays, dusts, granules, fumigants, etc., to control --								
Insects on hay and other crops -----farms, 1992 --	41	86	132	116	263	334	34	115
1987 --	55	170	212	181	288	500	47	186
acres on which used, 1992 --	22 532	32 711	17 439	19 702	6 681	50 641	963	3 874
1987 --	16 697	40 391	12 128	27 950	7 344	56 590	834	3 488
Nematodes in crops -----farms, 1992 --	17	8	54	27	112	267	-	18
1987 --	10	21	69	63	113	299	1	24
acres on which used, 1992 --	2 891	1 523	2 775	3 114	2 040	16 417	-	642
1987 --	917	3 209	4 766	3 884	2 409	15 055	(D)	256
Diseases in crops and orchards -----farms, 1992 --	17	11	26	41	51	104	27	35
1987 --	12	21	39	60	36	165	37	41
acres on which used, 1992 --	4 962	3 036	2 276	1 800	1 066	10 560	699	892
1987 --	1 174	1 049	1 543	2 558	953	8 364	350	214
Weeds, grass, or brush in crops and pasture -----farms, 1992 --	51	134	174	145	177	304	40	271
1987 --	59	164	221	185	132	445	55	357
acres on which used, 1992 --	31 906	58 516	22 252	49 706	9 273	77 839	1 246	15 846
1987 --	22 815	55 474	15 800	37 445	10 105	78 609	1 154	17 578
Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 --	12	18	13	47	38	117	2	17
1987 --	10	14	7	27	28	36	37	14
acres on which used, 1992 --	1 530	2 158	477	4 844	463	11 782	(D)	424
1987 --	233	713	32	1 229	391	2 720	615	379

Table 10. **Agricultural Chemicals Used, Including Fertilizer: 1992 and 1987** –Con.

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

Chemicals used	Richmond								
	Richmond	Robeson	Rockingham	Rowan	Rutherford	Sampson	Scotland	Stanly	
Commercial fertilizer -----farms, 1992 --	128	1 035	767	518	323	1 090	102	356	
1987 --	142	1 312	915	595	378	1 263	97	374	
acres on which used, 1992 --	21 534	175 804	26 585	39 112	10 808	140 523	38 105	44 679	
1987 --	11 103	141 640	28 546	38 796	14 994	121 403	32 500	43 378	
Cropland fertilized, except pastureland -----farms, 1992 --	120	1 029	696	401	201	1 072	91	253	
1987 --	131	1 306	884	450	246	1 221	96	279	
acres on which used, 1992 --	21 004	174 511	21 892	27 615	3 810	138 816	37 766	37 509	
1987 --	9 645	140 445	24 653	26 447	8 717	119 443	31 956	39 369	
Pastureland and rangeland fertilized -----farms, 1992 --	21	84	224	308	213	111	13	180	
1987 --	29	54	205	395	194	111	9	141	
acres on which used, 1992 --	530	1 293	4 693	11 497	6 998	1 707	339	7 170	
1987 --	1 458	1 195	3 893	12 349	6 277	1 960	544	4 009	
Sprays, dusts, granules, fumigants, etc., to control --									
Insects on hay and other crops -----farms, 1992 --	67	643	363	82	46	664	55	77	
1987 --	63	964	582	139	39	886	64	106	
acres on which used, 1992 --	5 428	67 383	7 721	3 248	580	78 589	13 861	3 170	
1987 --	2 976	72 148	7 295	4 203	984	61 529	16 310	6 898	
Nematodes in crops -----farms, 1992 --	28	348	218	4	1	388	19	13	
1987 --	8	529	267	10	1	410	19	13	
acres on which used, 1992 --	1 799	30 404	3 416	(D)	(D)	21 760	3 705	486	
1987 --	517	23 553	4 137	227	(D)	20 527	1 869	1 195	
Diseases in crops and orchards -----farms, 1992 --	21	180	77	18	14	171	3	27	
1987 --	19	171	111	50	28	210	6	9	
acres on which used, 1992 --	824	11 252	1 747	460	20	13 555	1 028	946	
1987 --	(D)	7 694	1 131	512	332	10 256	657	48	
Weeds, grass, or brush in crops and pasture -----farms, 1992 --	93	643	279	177	88	655	59	146	
1987 --	79	798	366	163	110	769	67	204	
acres on which used, 1992 --	10 845	121 452	8 504	17 689	1 280	93 735	23 935	29 737	
1987 --	4 963	91 592	14 427	12 147	2 820	69 374	21 319	25 607	
Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 --	9	112	34	10	--	127	34	2	
1987 --	2	108	62	8	7	155	34	3	
acres on which used, 1992 --	186	10 662	570	271	--	23 132	10 229	(D)	
1987 --	(D)	8 626	601	32	(D)	6 671	7 307	127	
Chemicals used	Stokes								
	Stokes	Surry	Swain	Transylvania	Tyrrell	Union	Vance	Wake	
Commercial fertilizer -----farms, 1992 --	985	1 057	58	120	79	519	243	628	
1987 --	997	1 088	63	149	94	556	327	810	
acres on which used, 1992 --	16 816	37 632	903	4 721	44 030	75 970	12 777	34 512	
1987 --	15 721	35 287	1 024	4 599	39 724	86 239	10 149	33 774	
Cropland fertilized, except pastureland -----farms, 1992 --	925	904	51	97	74	432	218	593	
1987 --	963	1 004	51	120	94	470	321	729	
acres on which used, 1992 --	12 284	26 356	604	2 492	43 971	71 883	11 605	31 016	
1987 --	10 858	26 025	628	3 159	39 596	82 692	9 117	28 815	
Pastureland and rangeland fertilized -----farms, 1992 --	223	386	15	66	6	121	51	115	
1987 --	214	287	23	71	13	158	32	123	
acres on which used, 1992 --	4 532	11 276	299	2 229	59	4 087	1 172	3 496	
1987 --	4 863	9 262	396	1 440	128	3 547	1 032	4 959	
Sprays, dusts, granules, fumigants, etc., to control --									
Insects on hay and other crops -----farms, 1992 --	563	411	23	44	42	81	130	331	
1987 --	559	475	24	62	67	72	191	511	
acres on which used, 1992 --	6 101	11 609	237	781	26 076	9 007	3 751	12 780	
1987 --	4 448	7 353	244	510	23 063	7 118	4 009	14 459	
Nematodes in crops -----farms, 1992 --	213	272	8	1	7	4	79	260	
1987 --	356	253	3	1	7	2	83	320	
acres on which used, 1992 --	2 619	4 229	(D)	(D)	5 273	(D)	2 291	9 541	
1987 --	2 507	4 843	(D)	(D)	2 084	(D)	2 045	8 503	
Diseases in crops and orchards -----farms, 1992 --	64	112	16	16	4	27	32	127	
1987 --	111	78	14	33	9	29	55	170	
acres on which used, 1992 --	1 043	2 137	46	66	2 132	3 437	1 674	4 594	
1987 --	634	1 392	84	601	509	578	1 238	3 933	
Weeds, grass, or brush in crops and pasture -----farms, 1992 --	328	323	28	56	49	351	136	345	
1987 --	393	443	20	74	85	343	140	420	
acres on which used, 1992 --	3 653	12 706	271	779	36 313	79 132	11 796	19 271	
1987 --	4 172	12 862	267	1 100	40 030	82 018	5 943	17 954	
Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 --	94	103	5	3	2	9	25	57	
1987 --	46	52	2	2	4	3	22	84	
acres on which used, 1992 --	836	2 119	27	9	(D)	603	995	2 195	
1987 --	284	1 437	(D)	(D)	(D)	(D)	632	1 592	

**Table 10. Agricultural Chemicals Used, Including Fertilizer: 1992 and 1987 –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, 1992 --	254	191	592	700	518	453	732	615
1987 --	243	219	654	881	534	593	816	659
acres on which used, 1992 --	14 633	61 212	7 744	104 508	19 161	81 245	42 779	5 487
1987 --	16 115	63 437	6 661	89 146	17 189	67 849	38 305	5 052
Cropland fertilized, except pastureland -----farms, 1992 --	237	189	532	682	423	443	678	600
1987 --	232	217	600	879	468	587	709	640
acres on which used, 1992 --	10 479	(D)	3 679	102 645	13 651	80 615	35 338	3 476
1987 --	12 740	62 830	3 140	86 689	13 531	67 565	31 321	3 454
Pastureland and rangeland fertilized -----farms, 1992 --	64	3	185	83	210	47	278	139
1987 --	70	8	153	85	163	21	286	95
acres on which used, 1992 --	4 154	(D)	4 065	1 863	5 510	630	7 441	2 011
1987 --	3 375	607	3 521	2 457	3 658	284	6 984	1 598
Sprays, dusts, granules, fumigants, etc., to control --								
Insects on hay and other crops -----farms, 1992 --	132	97	220	503	128	317	348	245
1987 --	160	151	200	595	170	460	296	351
acres on which used, 1992 --	4 378	28 104	1 124	53 232	6 026	38 019	9 415	991
1987 --	4 292	31 553	714	42 291	4 324	35 210	7 901	831
Nematodes in crops -----farms, 1992 --	40	28	29	371	43	284	148	10
1987 --	105	23	1	435	38	336	171	15
acres on which used, 1992 --	1 712	2 478	156	19 470	1 580	17 486	2 896	61
1987 --	2 458	2 205	(D)	18 623	1 785	12 939	2 800	57
Diseases in crops and orchards -----farms, 1992 --	22	61	157	146	65	144	71	149
1987 --	29	27	169	155	65	105	68	182
acres on which used, 1992 --	707	4 221	344	6 389	674	8 115	1 178	348
1987 --	697	1 859	688	6 060	1 600	3 578	760	389
Weeds, grass, or brush in crops and pasture -----farms, 1992 --	74	161	203	427	283	361	225	140
1987 --	146	165	205	591	297	397	384	180
acres on which used, 1992 --	5 535	56 166	1 667	71 707	8 897	60 711	14 663	613
1987 --	7 094	57 758	2 910	60 363	10 879	46 657	21 928	1 397
Chemicals used for defoliation or for growth control of crops or thinning of fruit -----farms, 1992 --	13	21	34	136	2	88	55	50
1987 --	15	20	34	134	35	80	48	62
acres on which used, 1992 --	325	4 027	44	12 110	(D)	5 212	724	171
1987 --	242	1 345	103	2 220	923	3 211	530	139