

**Table 10. Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992**

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

Chemicals used	Louisiana	Acadia	Allen	Ascension	Assumption	Avoyelles	Beauregard
Commercial fertilizer ..... farms, 1997..	14 519	415	215	163	70	468	436
1992..	16 791	594	272	220	72	670	516
acres on which used, 1997..	2 806 296	160 102	24 222	18 430	36 813	101 171	24 188
1992..	3 041 080	164 904	44 072	23 800	34 868	102 953	30 334
Cropland fertilized, except pastureland ..... farms, 1997..	9 624	336	151	75	66	341	262
1992..	12 449	502	205	102	69	534	246
acres on which used, 1997..	2 488 347	156 695	21 885	16 783	36 793	94 613	16 943
1992..	2 721 595	159 600	40 109	21 440	34 588	97 511	18 351
Pastureland and rangeland fertilized ..... farms, 1997..	6 251	106	84	90	4	158	237
1992..	6 036	148	92	128	4	160	371
acres on which used, 1997..	317 949	3 407	2 337	1 647	20	6 558	7 245
1992..	319 485	5 304	3 963	2 360	280	5 442	11 983
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms, 1997..	4 594	176	32	28	50	394	42
1992..	5 789	176	50	37	63	343	54
acres on which used, 1997..	1 821 468	71 599	8 476	11 597	24 656	116 702	3 433
1992..	1 825 778	39 231	8 150	16 381	29 928	111 925	3 092
Nematodes in crops ..... farms, 1997..	581	8	3	—	—	26	8
1992..	839	8	3	1	2	35	1
acres on which used, 1997..	214 532	2 111	(D)	—	—	5 543	8
1992..	(D)	2 396	1 098	(D)	(D)	6 142	(D)
Diseases in crops and orchards ..... farms, 1997..	1 625	135	11	9	—	40	7
1992..	1 668	109	24	4	4	66	8
acres on which used, 1997..	437 497	45 534	6 108	(D)	—	16 361	2 711
1992..	347 684	27 359	3 797	(D)	(D)	17 635	1 711
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	6 690	273	48	69	55	405	132
1992..	7 772	284	61	45	58	411	104
acres on which used, 1997..	2 514 635	136 286	17 944	13 961	29 401	124 709	13 831
1992..	2 635 997	131 781	23 067	18 109	30 070	127 085	15 896
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	1 245	14	—	6	26	62	1
1992..	2 384	30	4	17	27	64	2
acres on which used, 1997..	474 411	3 662	—	2 604	6 048	14 948	(D)
1992..	729 376	4 427	(D)	2 968	4 915	15 086	(D)
Chemicals used							
Bienville	Bossier	Caddo	Calcasieu	Caldwell	Cameron	Catahoula	
Commercial fertilizer ..... farms, 1997..	137	108	198	427	146	121	209
1992..	185	185	176	407	149	149	305
acres on which used, 1997..	7 258	17 261	33 192	48 459	27 131	28 602	72 060
1992..	10 231	30 077	39 907	60 137	30 502	21 721	100 533
Cropland fertilized, except pastureland ..... farms, 1997..	95	54	134	229	89	87	146
1992..	77	132	140	285	120	80	272
acres on which used, 1997..	3 998	8 351	29 485	37 769	24 776	22 691	70 749
1992..	3 283	18 138	35 550	49 168	27 137	16 655	98 711
Pastureland and rangeland fertilized ..... farms, 1997..	49	63	81	224	59	37	64
1992..	125	81	56	169	39	102	46
acres on which used, 1997..	3 260	8 910	3 707	10 690	2 355	5 911	1 311
1992..	6 948	11 939	4 357	10 969	3 365	5 066	1 822
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms, 1997..	17	22	60	78	44	19	120
1992..	40	31	96	53	82	19	180
acres on which used, 1997..	760	3 021	24 535	12 003	14 623	11 851	85 525
1992..	2 279	9 991	27 326	13 304	18 897	8 249	98 912
Nematodes in crops ..... farms, 1997..	—	2	15	12	9	2	25
1992..	3	5	10	3	9	1	33
acres on which used, 1997..	—	(D)	8 579	1 383	2 578	(D)	13 930
1992..	(D)	3 472	6 036	(D)	4 356	(D)	10 520
Diseases in crops and orchards ..... farms, 1997..	11	9	23	27	10	7	26
1992..	7	26	34	18	20	5	30
acres on which used, 1997..	460	214	4 760	4 431	4 222	3 446	15 684
1992..	410	665	8 105	3 780	4 608	1 481	10 408
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	28	45	111	167	34	74	84
1992..	29	39	107	158	67	117	187
acres on which used, 1997..	1 674	7 890	39 246	35 268	15 421	21 890	95 580
1992..	1 491	17 907	32 103	42 335	21 567	20 436	121 749
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	—	5	28	5	23	1	48
1992..	1	17	57	23	34	—	127
acres on which used, 1997..	—	1 655	13 535	146	6 494	(D)	30 994
1992..	(D)	5 785	23 102	(D)	10 245	—	41 637

**Table 10. Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992—Con.**

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

Chemicals used	Claiborne	Concordia	De Soto	East Baton Rouge	East Carroll	East Feliciana	Evangeline
Commercial fertilizer .....							
farms, 1997..	112	175	302	224	180	233	435
1992..	148	211	304	264	231	292	399
acres on which used, 1997..	6 000	86 268	28 174	15 216	95 816	17 013	87 944
1992..	9 650	92 546	25 141	13 596	109 376	16 043	101 718
Cropland fertilized, except pastureland .....	farms, 1997..	78	165	158	133	179	116
1992..	100	198	209	165	231	181	249
acres on which used, 1997..	3 742	85 030	10 432	7 976	(D)	4 726	76 212
1992..	3 339	90 000	11 587	4 162	109 007	7 460	92 918
Pastureland and rangeland fertilized.....	farms, 1997..	48	17	195	130	1	151
1992..	84	33	142	131	4	152	241
acres on which used, 1997..	2 258	1 238	17 742	7 240	(D)	12 287	161
1992..	6 311	2 546	13 554	9 434	369	8 583	11 732
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops .....	farms, 1997..	7	150	29	22	142	26
1992..	14	214	33	44	203	31	114
acres on which used, 1997..	187	127 648	1 805	1 318	69 930	644	127
1992..	1 269	107 302	3 977	4 051	90 438	1 210	36 856
Nematodes in crops .....	farms, 1997..	—	30	—	3	27	—
1992..	1	20	4	1	39	11	9
acres on which used, 1997..	—	14 070	—	(D)	9 826	—	22
1992..	(D)	9 614	2 068	(D)	15 085	735	3 165
Diseases in crops and orchards.....	farms, 1997..	5	21	24	5	28	1
1992..	2	25	7	18	58	3	96
acres on which used, 1997..	18	10 625	125	307	13 075	(D)	106
1992..	(D)	8 277	(D)	182	29 618	30	25 420
Weeds, grass, or brush in crops and pasture .....	farms, 1997..	19	150	89	57	163	47
1992..	28	185	113	89	185	71	216
acres on which used, 1997..	855	138 882	12 320	5 035	129 446	1 932	217
1992..	1 830	127 283	13 412	6 600	123 963	3 064	61 466
Chemicals used on crops to control growth, thin fruit, or defoliate .....	farms, 1997..	—	66	10	—	91	6
1992..	—	70	2	1	155	9	8
acres on which used, 1997..	—	38 225	20	(D)	30 345	50	12
1992..	—	25 507	(D)	(D)	56 450	66	(D)
Chemicals used on crops to control growth, thin fruit, or defoliate .....	farms, 1997..	—	66	10	—	91	6
1992..	—	70	2	1	155	9	8
acres on which used, 1997..	—	38 225	20	(D)	30 345	50	12
1992..	—	25 507	(D)	(D)	56 450	66	729
Chemicals used							
Chemicals used	Franklin	Grant	Iberia	Iberville	Jackson	Jefferson	Jefferson Davis
Commercial fertilizer .....							
farms, 1997..	505	112	212	94	100	24	423
1992..	651	96	268	92	93	25	390
acres on which used, 1997..	136 956	13 243	69 170	42 314	2 304	598	144 749
1992..	146 827	11 844	70 613	41 450	1 994	321	132 478
Cropland fertilized, except pastureland .....	farms, 1997..	410	60	159	71	55	10
1992..	618	65	216	72	63	13	338
acres on which used, 1997..	128 778	9 772	67 051	41 034	703	167	323
1992..	143 271	9 045	67 983	38 979	667	141	138 725
Pastureland and rangeland fertilized.....	farms, 1997..	160	58	71	33	54	16
1992..	80	48	67	26	38	12	121
acres on which used, 1997..	8 178	3 471	2 119	1 280	1 601	431	100
1992..	3 556	2 799	2 630	2 471	1 327	180	6 024
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops .....	farms, 1997..	251	22	50	52	12	5
1992..	496	37	74	57	17	9	153
acres on which used, 1997..	110 854	5 937	30 170	41 088	427	94	110
1992..	126 003	8 511	34 984	38 897	167	83	57 645
Nematodes in crops .....	farms, 1997..	70	2	2	6	—	4
1992..	60	14	4	3	—	—	15
acres on which used, 1997..	24 131	(D)	(D)	5 298	—	—	2 250
1992..	14 926	3 438	447	(D)	—	—	4 103
Diseases in crops and orchards.....	farms, 1997..	44	6	20	13	6	3
1992..	74	11	18	7	13	3	88
acres on which used, 1997..	16 553	133	2 172	4 900	6	(D)	59
1992..	12 797	2 085	832	3 283	13	24	35 190
Weeds, grass, or brush in crops and pasture .....	farms, 1997..	251	35	93	57	25	6
1992..	425	16	134	63	27	8	276
acres on which used, 1997..	112 977	10 906	55 387	42 949	522	195	112 119
1992..	114 575	8 873	51 898	37 640	513	82	110 950
Chemicals used on crops to control growth, thin fruit, or defoliate .....	farms, 1997..	155	4	16	8	—	22
1992..	348	24	29	14	—	1	10
acres on which used, 1997..	52 399	1 633	7 670	4 669	—	—	5 407
1992..	93 145	4 919	6 513	4 993	—	(D)	2 017

**Table 10. Agricultural Chemicals Used, Including Fertilizer: 1997 and 1992—Con.**

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Chemicals used	Lafayette	Lafourche	La Salle	Lincoln	Livingston	Madison	Morehouse
Commercial fertilizer ..... farms, 1997..	346	182	110	182	184	201	299
1992..	408	220	155	166	185	227	363
acres on which used, 1997..	36 963	33 435	5 610	8 294	7 061	107 812	132 731
1992..	38 202	44 645	5 646	8 533	6 964	107 731	153 567
Cropland fertilized, except pastureland ..... farms, 1997..	180	106	55	124	71	169	266
1992..	252	144	95	92	90	224	334
acres on which used, 1997..	31 911	30 253	2 398	3 645	2 954	105 047	129 352
1992..	33 923	40 418	2 374	2 393	2 208	106 906	149 911
Pastureland and rangeland fertilized ..... farms, 1997..	188	79	74	95	135	37	46
1992..	200	84	90	76	117	9	56
acres on which used, 1997..	5 052	3 182	3 212	4 649	4 107	2 765	3 379
1992..	4 279	4 227	3 272	6 140	4 756	825	3 656
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms, 1997..	34	59	4	66	20	141	174
1992..	61	84	18	11	16	160	229
acres on which used, 1997..	12 336	20 398	798	636	443	74 785	92 882
1992..	15 456	33 808	1 044	366	551	72 743	112 876
Nematodes in crops ..... farms, 1997..	—	2	—	—	1	12	45
1992..	2	1	—	1	10	32	56
acres on which used, 1997..	—	(D)	—	(D)	(D)	5 451	22 382
1992..	—	(D)	—	(D)	116	6 644	25 102
Diseases in crops and orchards ..... farms, 1997..	15	9	1	44	—	15	64
1992..	10	9	1	7	13	25	53
acres on which used, 1997..	3 050	1 360	(D)	233	—	9 341	21 372
1992..	4 687	1 841	(D)	(D)	135	14 324	20 205
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	139	145	15	81	60	205	203
1992..	126	154	26	57	37	185	244
acres on which used, 1997..	29 336	32 799	3 356	4 210	1 646	153 857	123 863
1992..	33 918	36 661	1 622	3 046	735	163 904	129 438
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	6	14	—	1	—	82	82
1992..	13	18	1	2	2	127	167
acres on which used, 1997..	2 137	2 808	—	(D)	(D)	31 088	36 916
1992..	(D)	3 892	(D)	(D)	(D)	41 753	77 804
Chemicals used	Natchitoches	Orleans	Ouachita	Plaquemines	Pointe Coupee	Rapides	Red River
Commercial fertilizer ..... farms, 1997..	217	4	213	80	262	498	125
1992..	276	7	179	87	312	574	134
acres on which used, 1997..	50 055	11	35 508	788	75 384	61 288	17 695
1992..	50 913	16	28 625	3 935	94 209	81 589	19 730
Cropland fertilized, except pastureland ..... farms, 1997..	135	4	162	76	161	334	90
1992..	204	6	99	79	226	446	89
acres on which used, 1997..	41 207	11	32 119	712	63 579	52 691	13 295
1992..	39 370	(D)	24 148	3 625	85 402	74 034	15 396
Pastureland and rangeland fertilized ..... farms, 1997..	84	—	75	6	103	204	50
1992..	119	1	101	8	133	155	60
acres on which used, 1997..	8 848	—	3 389	76	11 805	8 597	4 400
1992..	11 543	(D)	4 477	310	8 807	7 555	4 334
Sprays, dusts, granules, fumigants, etc., to control—							
Insects on hay and other crops ..... farms, 1997..	42	2	83	59	103	213	29
1992..	116	5	58	74	146	278	38
acres on which used, 1997..	27 144	(D)	23 266	540	97 179	54 520	9 608
1992..	33 635	5	19 922	620	95 029	64 963	9 410
Nematodes in crops ..... farms, 1997..	14	—	7	5	5	37	9
1992..	16	—	11	16	17	87	2
acres on which used, 1997..	3 229	—	4 444	23	2 801	10 923	2 103
1992..	9 236	—	3 239	197	8 538	19 610	(D)
Diseases in crops and orchards ..... farms, 1997..	23	1	36	58	39	107	2
1992..	28	4	38	60	45	116	9
acres on which used, 1997..	7 009	(D)	4 133	403	22 845	23 314	(D)
1992..	4 971	4	4 619	491	21 120	17 142	(D)
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	81	1	91	65	166	240	52
1992..	159	2	63	70	143	281	55
acres on which used, 1997..	33 652	(D)	26 444	1 573	104 045	67 132	17 127
1992..	36 882	(D)	20 396	502	97 340	74 333	14 074
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	11	—	24	9	44	44	6
1992..	41	2	27	8	34	105	26
acres on which used, 1997..	3 805	—	11 497	39	11 844	12 785	3 569
1992..	14 063	(D)	13 313	27	19 206	30 174	6 374

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Chemicals used	Richland	Sabine	St. Bernard	St. Charles	St. Helena	St. James	St. John the Baptist	
Commercial fertilizer ..... farms, 1997..	340	196	15	33	230	58	19	
1992..	478	237	13	33	273	56	20	
acres on which used, 1997..	136 715	9 879	703	3 124	13 645	31 239	4 156	
1992..	152 715	9 001	73	1 611	13 846	28 652	7 610	
Cropland fertilized, except pastureland ..... farms, 1997..	312	129	13	21	86	53	16	
1992..	462	153	11	20	149	51	14	
acres on which used, 1997..	128 487	5 242	(D)	2 661	3 441	31 128	4 036	
1992..	145 908	5 464	(D)	1 198	6 344	28 530	7 350	
Pastureland and rangeland fertilized ..... farms, 1997..	72	67	3	15	164	6	3	
1992..	58	104	2	14	170	6	7	
acres on which used, 1997..	8 228	4 637	(D)	463	10 204	111	120	
1992..	6 807	3 537	(D)	413	7 502	122	260	
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	252	20	7	8	10	36	6	
1992..	394	19	8	7	37	39	8	
acres on which used, 1997..	108 362	164	(D)	(D)	686	22 950	1 729	
1992..	132 893	230	51	2 203	783	21 670	6 276	
Nematodes in crops ..... farms, 1997..	41	9	—	1	1	3	2	
1992..	51	7	2	—	(D)	(D)	1	
acres on which used, 1997..	25 123	27	—	(D)	230	(D)	(D)	
1992..	22 031	7	(D)	—	(D)	(D)	(D)	
Diseases in crops and orchards ..... farms, 1997..	76	9	3	7	8	6	2	
1992..	32	8	4	4	1	7	2	
acres on which used, 1997..	34 816	27	4	30	74	(D)	(D)	
1992..	15 851	9	12	13	(D)	(D)	(D)	
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	217	59	4	15	35	38	10	
1992..	309	28	7	12	58	41	10	
acres on which used, 1997..	95 669	2 904	(D)	3 183	1 931	25 440	4 378	
1992..	116 727	1 409	(D)	2 993	1 625	26 001	7 692	
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	103	—	—	1	—	4	1	
1992..	249	—	—	—	8	15	3	
acres on which used, 1997..	49 882	—	—	(D)	—	1 512	(D)	
1992..	86 748	—	—	—	48	3 722	(D)	
Chemicals used	St. Landry	St. Martin	St. Mary	St. Tammany	Tangipahoa	Tensas	Terrebonne	Union
Commercial fertilizer ..... farms, 1997..	560	156	72	310	597	155	76	217
1992..	621	200	82	211	787	190	88	202
acres on which used, 1997..	101 569	38 640	49 602	8 952	38 126	128 839	17 147	10 658
1992..	112 163	36 940	51 299	6 785	49 592	112 235	15 224	8 832
Cropland fertilized, except pastureland ..... farms, 1997..	362	128	63	105	331	151	56	125
1992..	493	178	78	144	488	190	69	129
acres on which used, 1997..	88 595	37 642	49 196	2 085	15 911	128 113	15 666	6 908
1992..	102 371	36 033	51 242	2 116	22 103	111 713	13 721	5 993
Pastureland and rangeland fertilized ..... farms, 1997..	249	36	9	214	407	12	29	99
1992..	184	40	4	98	422	8	23	91
acres on which used, 1997..	12 974	998	406	6 867	22 215	726	1 481	3 750
1992..	9 792	907	57	4 669	27 489	522	1 503	2 839
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops ..... farms, 1997..	194	47	34	53	107	127	31	27
1992..	214	61	30	38	150	181	39	23
acres on which used, 1997..	108 802	16 576	22 953	528	5 048	113 390	9 792	1 790
1992..	75 044	13 657	21 788	361	3 529	108 077	8 268	1 472
Nematodes in crops ..... farms, 1997..	14	5	3	6	1	31	—	1
1992..	28	18	3	8	41	44	—	9
acres on which used, 1997..	2 676	860	830	12	(D)	21 552	—	(D)
1992..	7 081	359	2 448	8	559	22 565	—	54
Diseases in crops and orchards ..... farms, 1997..	86	13	5	38	40	33	9	6
1992..	102	8	5	29	75	28	5	5
acres on which used, 1997..	34 499	1 461	675	456	236	21 746	36	6
1992..	28 076	358	(D)	252	963	14 116	(D)	8
Weeds, grass, or brush in crops and pasture ..... farms, 1997..	289	79	54	52	197	120	55	84
1992..	372	129	61	33	241	159	50	91
acres on which used, 1997..	128 099	37 461	41 543	1 242	13 732	111 888	13 799	5 057
1992..	142 132	33 201	44 777	1 377	10 439	123 552	11 544	4 060
Chemicals used on crops to control growth, thin fruit, or defoliate ..... farms, 1997..	7	20	12	—	1	63	5	8
1992..	63	28	16	3	13	136	12	1
acres on which used, 1997..	2 091	6 359	7 383	—	(D)	36 125	(D)	445
1992..	7 525	3 284	5 482	17	17	65 717	1 530	(D)

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Chemicals used	Vermilion	Vernon	Washington	Webster	West Baton Rouge	West Carroll	West Feliciana	Winn
Commercial fertilizer .....								
farms, 1997..	706	292	584	190	48	322	101	95
1992..	773	343	595	217	56	417	116	102
acres on which used, 1997..	148 173	10 651	31 943	8 243	11 957	70 015	12 235	2 796
1992..	151 678	10 171	37 462	6 594	17 067	78 315	16 511	4 763
Cropland fertilized, except pastureland .....								
farms, 1997..	548	150	288	114	29	272	48	45
1992..	665	235	410	140	39	355	57	35
acres on which used, 1997..	138 425	3 842	14 712	3 391	11 238	67 145	8 220	993
1992..	141 904	5 905	20 611	3 938	16 511	71 666	12 041	1 900
Pastureland and rangeland fertilized.....								
farms, 1997..	226	181	402	112	21	78	57	61
1992..	143	153	334	91	21	112	66	77
acres on which used, 1997..	9 748	6 809	17 231	4 852	719	2 870	4 015	1 803
1992..	9 774	4 266	16 851	2 656	556	6 649	4 470	2 863
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops .....								
farms, 1997..	215	26	58	—	17	152	16	5
1992..	117	31	110	22	28	229	20	—
acres on which used, 1997..	53 721	377	3 766	—	11 908	47 832	499	(D)
1992..	32 240	243	3 623	293	16 265	46 913	7 779	—
Nematodes in crops .....								
farms, 1997..	25	6	1	—	—	28	—	3
1992..	12	8	11	—	4	27	1	—
acres on which used, 1997..	1 693	12	(D)	—	—	9 776	—	3
1992..	1 228	400	708	—	(D)	5 205	(D)	—
Diseases in crops and orchards.....								
farms, 1997..	119	6	13	—	3	38	9	7
1992..	71	3	41	7	6	34	6	5
acres on which used, 1997..	24 764	12	1 307	—	686	8 085	81	52
1992..	14 956	(D)	1 060	(D)	3 444	3 458	30	5
Weeds, grass, or brush in crops and pasture .....								
farms, 1997..	353	52	121	28	31	199	28	17
1992..	394	51	222	46	33	262	38	21
acres on which used, 1997..	99 513	1 238	9 008	479	14 066	63 054	3 275	311
1992..	113 803	1 303	13 043	1 230	18 559	59 912	11 554	507
Chemicals used on crops to control growth, thin fruit, or defoliate .....								
farms, 1997..	27	9	4	5	3	43	—	—
1992..	9	—	9	—	11	155	—	3
acres on which used, 1997..	4 584	45	(D)	5	1 529	21 996	—	—
1992..	5 243	—	339	—	1 884	30 813	—	309