

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	Colorado	Adams	Alamosa	Arapahoe	Archuleta	Baca	Bent	Boulder
	Commercial fertilizer farms, 1997..	12 519	331	153	85	39	264	146
..... farms, 1992..	12 066	308	111	96	28	288	113	333
acres on which used, 1997..	4 084 229	197 185	59 839	20 255	3 389	158 295	46 514	25 264
..... acres on which used, 1992..	3 512 691	156 123	43 776	24 317	1 834	192 862	24 613	28 458
Cropland fertilized, except pastureland farms, 1997..	11 853	308	143	85	33	256	145	251
..... farms, 1992..	11 555	308	92	89	26	287	113	295
acres on which used, 1997..	4 007 523	196 908	55 839	20 255	2 165	157 911	(D)	23 285
..... acres on which used, 1992..	3 445 586	155 617	41 524	23 968	1 770	(D)	24 400	26 532
Pastureland and rangeland fertilized..... farms, 1997..	1 444	29	10	—	13	17	1	63
..... farms, 1992..	1 172	15	20	8	4	4	9	65
acres on which used, 1997..	76 706	277	4 000	—	1 224	384	(D)	1 979
..... acres on which used, 1992..	67 105	506	2 252	349	64	(D)	213	1 926
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	5 420	97	62	28	9	144	107	126
..... farms, 1992..	6 727	158	71	23	6	164	60	199
acres on which used, 1997..	1 575 464	61 686	22 122	5 636	308	66 936	30 707	10 039
..... acres on which used, 1992..	1 324 329	28 915	18 552	2 294	273	52 543	14 416	15 216
Nematodes in crops farms, 1997..	370	3	2	—	—	—	16	3
..... farms, 1992..	363	12	13	—	—	—	1	10
acres on which used, 1997..	50 924	261	(D)	—	—	(D)	2 326	390
..... acres on which used, 1992..	52 895	196	1 840	—	—	—	(D)	432
Diseases in crops and orchards..... farms, 1997..	1 219	28	31	3	2	2	8	5
..... farms, 1992..	1 419	25	44	2	7	2	—	20
acres on which used, 1997..	200 629	3 749	12 399	(D)	(D)	(D)	1 060	753
..... acres on which used, 1992..	151 386	1 745	13 896	(D)	215	(D)	—	(D)
Weeds, grass, or brush in crops and pasture farms, 1997..	7 692	239	73	70	35	202	68	157
..... farms, 1992..	7 903	218	77	54	27	200	37	131
acres on which used, 1997..	2 342 535	114 247	28 439	37 161	893	98 675	9 452	17 325
..... acres on which used, 1992..	2 145 113	92 389	28 399	25 299	1 423	100 909	7 419	18 460
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	373	8	28	7	—	17	—	22
..... farms, 1992..	413	30	25	—	—	4	—	—
acres on which used, 1997..	103 602	413	7 236	510	—	18 840	—	492
..... acres on which used, 1992..	68 707	11 920	4 939	—	—	1 975	—	—
Chemicals used	Chaffee	Cheyenne	Clear Creek	Conejos	Costilla	Crowley	Custer	Delta
Commercial fertilizer farms, 1997..	85	153	2	137	67	68	65	558
..... farms, 1992..	64	139	4	129	69	64	60	512
acres on which used, 1997..	6 925	140 678	(D)	33 914	22 147	11 671	15 792	34 005
..... acres on which used, 1992..	7 075	110 882	150	28 198	20 665	8 735	10 840	34 527
Cropland fertilized, except pastureland farms, 1997..	80	153	2	137	67	68	61	522
..... farms, 1992..	64	139	4	129	69	64	60	481
acres on which used, 1997..	5 986	140 678	(D)	(D)	22 147	(D)	14 942	30 092
..... acres on which used, 1992..	5 375	(D)	150	28 198	20 665	8 735	10 700	30 939
Pastureland and rangeland fertilized..... farms, 1997..	13	—	—	2	—	1	11	109
..... farms, 1992..	12	1	—	—	—	—	3	101
acres on which used, 1997..	939	—	—	(D)	—	(D)	850	3 913
..... acres on which used, 1992..	1 700	(D)	—	—	—	—	140	3 588
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	7	78	—	42	23	49	4	218
..... farms, 1992..	1	60	—	22	21	41	21	307
acres on which used, 1997..	70	76 248	—	6 085	11 146	8 310	1 655	11 744
..... acres on which used, 1992..	(D)	19 150	—	9 815	16 108	4 410	1 795	19 862
Nematodes in crops farms, 1997..	—	—	—	—	—	5	1	19
..... farms, 1992..	—	1	—	—	1	2	—	10
acres on which used, 1997..	—	—	—	—	—	268	(D)	1 407
..... acres on which used, 1992..	—	(D)	—	—	(D)	(D)	—	844
Diseases in crops and orchards..... farms, 1997..	5	1	—	15	8	2	—	89
..... farms, 1992..	—	10	—	17	2	16	1	117
acres on which used, 1997..	(D)	(D)	—	2 908	6 969	(D)	—	2 071
..... acres on which used, 1992..	—	1 304	—	3 600	(D)	582	(D)	3 209
Weeds, grass, or brush in crops and pasture farms, 1997..	23	70	1	109	23	42	13	274
..... farms, 1992..	17	53	1	84	24	60	6	277
acres on which used, 1997..	583	33 245	(D)	14 114	12 136	20 752	1 068	12 649
..... acres on which used, 1992..	526	26 131	(D)	21 184	6 037	12 165	125	16 682
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	1	15	—	4	2	1	—	44
..... farms, 1992..	—	—	—	5	—	—	—	87
acres on which used, 1997..	(D)	9 690	—	710	(D)	(D)	—	635
..... acres on which used, 1992..	—	—	—	885	—	—	—	1 999

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

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Chemicals used	Denver	Dolores	Douglas	Eagle	Elbert	El Paso	Fremont	Garfield
	Commercial fertilizer farms, 1997..	10	37	75	52	167	99	141
..... 1992..	10	31	72	48	98	113	145	154
acres on which used, 1997..	13	11 358	3 471	4 526	45 564	15 051	4 153	18 646
..... 1992..	(D)	3 417	6 284	5 053	30 495	12 735	4 523	10 514
Cropland fertilized, except pastureland farms, 1997..	10	37	60	38	154	92	130	221
..... 1992..	10	31	59	44	97	105	139	136
acres on which used, 1997..	13	11 358	3 241	3 813	45 049	9 487	3 231	17 791
..... 1992..	(D)	3 417	5 668	4 668	(D)	12 180	4 301	9 572
Pastureland and rangeland fertilized..... farms, 1997..	—	—	15	24	14	7	19	25
..... 1992..	—	—	21	7	2	8	6	40
acres on which used, 1997..	—	—	230	713	515	5 564	922	855
..... 1992..	—	—	616	385	(D)	555	222	942
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	5	3	22	6	43	16	26	54
..... 1992..	8	10	7	39	26	32	128	54
acres on which used, 1997..	5	796	924	1 094	24 781	561	99	3 821
..... 1992..	8	3 999	25	2 502	5 220	804	2 319	3 650
Nematodes in crops farms, 1997..	—	2	2	—	—	—	1	2
..... 1992..	—	—	—	—	1	—	1	—
acres on which used, 1997..	—	(D)	(D)	—	—	—	(D)	(D)
..... 1992..	—	—	—	—	(D)	—	(D)	—
Diseases in crops and orchards..... farms, 1997..	4	1	4	—	—	2	1	13
..... 1992..	4	—	2	—	—	11	26	1
acres on which used, 1997..	4	(D)	41	—	—	(D)	(D)	32
..... 1992..	4	—	(D)	—	—	969	78	(D)
Weeds, grass, or brush in crops and pasture farms, 1997..	3	48	110	34	118	89	33	101
..... 1992..	8	44	170	23	159	79	37	121
acres on which used, 1997..	3	6 609	3 366	4 994	33 946	6 366	343	3 131
..... 1992..	556	3 355	26 379	890	37 900	7 203	555	4 482
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	2	—	1	2	—	2	1	8
..... 1992..	—	—	1	—	1	—	3	—
acres on which used, 1997..	(D)	—	(D)	(D)	—	(D)	(D)	75
..... 1992..	—	—	(D)	—	(D)	—	7	—

Chemicals used	Gilpin	Grand	Gunnison	Hinsdale	Huerfano	Jackson	Jefferson	Kiowa
	Commercial fertilizer farms, 1997..	—	37	51	5	67	66	106
..... 1992..	2	28	36	7	50	50	85	105
acres on which used, 1997..	—	6 679	12 819	375	6 925	42 540	1 950	142 640
..... 1992..	(D)	6 190	7 445	627	5 824	38 465	1 621	67 204
Cropland fertilized, except pastureland farms, 1997..	—	33	43	3	67	62	90	138
..... 1992..	1	24	33	7	44	50	77	105
acres on which used, 1997..	—	6 524	12 059	(D)	6 925	41 078	1 655	(D)
..... 1992..	(D)	4 662	6 615	627	4 444	33 665	1 042	67 204
Pastureland and rangeland fertilized..... farms, 1997..	—	4	12	2	—	8	16	1
..... 1992..	1	7	7	—	7	3	17	—
acres on which used, 1997..	—	155	760	(D)	—	1 462	295	(D)
..... 1992..	(D)	1 528	830	—	1 380	4 800	579	—
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	—	1	3	—	10	6	28	72
..... 1992..	—	9	1	3	50	9	44	79
acres on which used, 1997..	—	(D)	398	—	963	1 411	178	71 100
..... 1992..	—	371	(D)	27	2 174	2 407	204	17 362
Nematodes in crops farms, 1997..	—	—	—	—	—	—	1	1
..... 1992..	—	—	—	—	—	—	4	—
acres on which used, 1997..	—	—	—	—	—	—	(D)	(D)
..... 1992..	—	—	—	—	—	—	(D)	—
Diseases in crops and orchards..... farms, 1997..	—	1	—	—	—	3	6	1
..... 1992..	—	1	—	—	—	—	16	—
acres on which used, 1997..	—	(D)	—	—	—	1 080	(D)	(D)
..... 1992..	—	(D)	—	—	—	—	291	—
Weeds, grass, or brush in crops and pasture farms, 1997..	1	24	27	1	23	9	48	127
..... 1992..	2	26	27	3	16	7	44	103
acres on which used, 1997..	(D)	1 291	3 525	(D)	2 572	1 943	2 541	75 529
..... 1992..	(D)	9 357	482	110	4 148	1 315	4 467	76 711
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	—	—	3	—	—	—	—	—
..... 1992..	—	—	—	—	—	—	6	1
acres on which used, 1997..	—	—	30	—	—	—	—	—
..... 1992..	—	—	—	—	—	—	(D)	(D)

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	Kit Carson	Lake	La Plata	Larimer	Las Animas	Lincoln	Logan	Mesa
	Commercial fertilizer farms, 1997..	437	6	345	516	110	157	484
..... farms, 1992..	469	4	318	483	108	163	482	787
acres on which used, 1997..	357 278	274	30 733	74 993	14 181	136 451	181 075	39 324
..... acres on which used, 1992..	332 748	281	32 112	49 436	16 028	120 163	151 162	42 499
Cropland fertilized, except pastureland farms, 1997..	430	6	284	476	96	157	467	767
..... farms, 1992..	469	4	299	421	108	160	482	715
acres on which used, 1997..	353 228	(D)	20 905	72 927	13 446	136 451	178 532	36 711
..... acres on which used, 1992..	332 736	281	25 559	47 801	15 528	118 913	150 317	39 712
Pastureland and rangeland fertilized..... farms, 1997..	21	2	139	88	24	—	31	183
..... farms, 1992..	12	—	97	64	14	3	12	145
acres on which used, 1997..	4 050	(D)	9 828	2 066	735	—	2 543	2 613
..... acres on which used, 1992..	12	—	6 553	1 635	500	1 250	845	2 787
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	242	1	15	262	10	84	249	451
..... farms, 1992..	227	1	37	334	31	34	256	559
acres on which used, 1997..	130 829	(D)	616	33 344	4 879	56 185	59 578	17 497
..... acres on which used, 1992..	71 437	(D)	4 788	32 098	3 447	9 541	62 627	19 459
Nematodes in crops farms, 1997..	32	—	—	26	—	—	10	24
..... farms, 1992..	18	—	—	5	—	—	11	18
acres on which used, 1997..	10 384	—	—	1 954	—	—	1 830	263
..... acres on which used, 1992..	6 906	—	—	472	—	—	606	82
Diseases in crops and orchards..... farms, 1997..	67	—	10	36	—	1	64	197
..... farms, 1992..	36	1	7	45	—	5	44	267
acres on which used, 1997..	26 844	—	60	2 123	—	(D)	17 767	2 236
..... acres on which used, 1992..	6 710	(D)	3 108	1 957	—	904	2 718	2 317
Weeds, grass, or brush in crops and pasture farms, 1997..	307	3	170	322	40	98	357	404
..... farms, 1992..	284	—	205	324	44	167	411	296
acres on which used, 1997..	201 161	(D)	11 918	55 028	6 960	73 413	107 533	18 646
..... acres on which used, 1992..	134 534	—	34 187	33 036	6 852	86 616	97 264	15 948
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	2	—	—	—	7	—	30	20
..... farms, 1992..	15	—	—	6	—	—	2	44
acres on which used, 1997..	(D)	—	—	—	37	—	16 376	1 030
..... acres on which used, 1992..	5 404	—	—	45	—	—	(D)	402

Chemicals used	Mineral	Moffat	Montezuma	Montrose	Morgan	Otero	Ouray	Park
	Commercial fertilizer farms, 1997..	1	98	334	580	431	324	45
..... farms, 1992..	2	96	321	500	502	271	37	17
acres on which used, 1997..	(D)	16 334	29 681	47 774	177 579	38 711	7 055	6 691
..... acres on which used, 1992..	(D)	10 352	32 790	46 225	184 324	43 543	6 463	1 972
Cropland fertilized, except pastureland farms, 1997..	1	98	288	532	418	304	44	25
..... farms, 1992..	2	96	287	454	501	256	36	14
acres on which used, 1997..	(D)	16 062	26 471	43 899	167 815	37 114	6 908	6 616
..... acres on which used, 1992..	(D)	(D)	30 209	39 761	(D)	42 241	5 906	1 957
Pastureland and rangeland fertilized..... farms, 1997..	—	7	84	149	17	39	6	3
..... farms, 1992..	—	1	71	97	3	38	4	3
acres on which used, 1997..	—	272	3 210	3 875	9 764	1 597	147	75
..... acres on which used, 1992..	—	(D)	2 581	6 464	(D)	1 302	557	15
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	—	14	50	191	301	224	6	—
..... farms, 1992..	—	15	55	279	291	282	6	2
acres on which used, 1997..	—	522	4 403	21 418	66 898	35 620	(D)	—
..... acres on which used, 1992..	—	1 939	4 336	23 608	70 824	37 488	645	(D)
Nematodes in crops farms, 1997..	—	—	—	3	13	3	—	1
..... farms, 1992..	—	—	—	2	33	26	—	—
acres on which used, 1997..	—	—	—	200	1 947	720	—	(D)
..... acres on which used, 1992..	—	—	—	(D)	3 041	1 773	—	—
Diseases in crops and orchards..... farms, 1997..	—	1	15	56	45	49	—	—
..... farms, 1992..	—	—	12	57	64	43	—	—
acres on which used, 1997..	—	(D)	(D)	2 495	5 387	2 639	—	—
..... acres on which used, 1992..	—	—	33	1 570	9 258	3 039	—	—
Weeds, grass, or brush in crops and pasture farms, 1997..	1	81	149	239	346	156	18	12
..... farms, 1992..	—	110	152	232	380	133	7	18
acres on which used, 1997..	(D)	21 633	8 852	17 855	131 680	18 320	753	358
..... acres on which used, 1992..	—	19 629	16 795	21 511	138 758	15 255	1 220	2 293
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	—	6	—	22	5	4	1	—
..... farms, 1992..	—	—	12	16	21	5	1	—
acres on which used, 1997..	—	6	—	1 020	3 364	499	(D)	—
..... acres on which used, 1992..	—	—	960	274	1 144	500	(D)	—

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Chemicals used	Phillips	Pitkin	Prowers	Pueblo	Rio Blanco	Rio Grande	Routt	Saguache
	Commercial fertilizer farms, 1997..	306	38	272	189	113	202	167
..... 1992..	299	26	241	243	134	171	91	113
acres on which used, 1997..	228 252	3 914	141 521	26 447	18 285	82 388	24 067	80 184
..... 1992..	205 147	1 816	124 552	19 955	16 730	62 221	17 834	52 102
Cropland fertilized, except pastureland farms, 1997..	306	34	272	179	113	193	167	89
..... 1992..	299	22	241	236	134	163	89	112
acres on which used, 1997..	(D)	3 840	(D)	25 850	17 659	81 540	24 003	(D)
..... 1992..	204 001	1 586	122 241	18 995	16 500	60 741	(D)	(D)
Pastureland and rangeland fertilized..... farms, 1997..	1	5	2	39	11	23	8	2
..... 1992..	9	7	4	19	11	9	2	1
acres on which used, 1997..	(D)	74	(D)	597	626	848	64	(D)
..... 1992..	1 146	230	2 311	960	230	1 480	(D)	(D)
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	134	4	172	83	2	68	35	29
..... 1992..	101	3	171	224	13	96	1	61
acres on which used, 1997..	81 774	395	90 912	16 358	(D)	31 462	6 913	13 941
..... 1992..	54 819	(D)	70 899	14 788	5 476	27 655	(D)	21 249
Nematodes in crops farms, 1997..	3	—	8	17	4	2	—	2
..... 1992..	3	1	6	6	—	4	—	2
acres on which used, 1997..	(D)	—	405	4 230	480	(D)	—	(D)
..... 1992..	2 624	(D)	(D)	94	—	669	(D)	(D)
Diseases in crops and orchards..... farms, 1997..	11	1	4	29	—	51	—	32
..... 1992..	33	—	8	54	—	59	—	34
acres on which used, 1997..	5 099	(D)	1 238	4 909	—	19 938	—	15 781
..... 1992..	6 432	—	1 207	2 959	—	18 366	—	13 326
Weeds, grass, or brush in crops and pasture farms, 1997..	205	25	164	110	85	144	116	54
..... 1992..	207	16	184	170	74	158	94	69
acres on which used, 1997..	137 765	1 965	79 065	13 304	10 516	44 810	12 318	33 124
..... 1992..	117 346	392	60 971	16 389	9 473	38 968	20 695	38 599
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	1	—	1	11	—	32	—	17
..... 1992..	2	—	6	—	—	37	12	19
acres on which used, 1997..	(D)	—	(D)	120	—	9 604	—	7 173
..... 1992..	(D)	—	2 817	—	—	7 873	360	8 155

Chemicals used	San Juan	San Miguel	Sedgwick	Summit	Teller	Washington	Weld	Yuma
	Commercial fertilizer farms, 1997..	2	31	173	8	10	463	1 452
..... 1992..	1	42	179	6	15	380	1 549	664
acres on which used, 1997..	(D)	3 220	112 322	1 247	457	325 937	387 762	397 054
..... 1992..	(D)	7 395	97 474	1 126	827	203 592	367 088	369 489
Cropland fertilized, except pastureland farms, 1997..	2	30	172	8	9	463	1 384	550
..... 1992..	1	40	179	6	14	380	1 491	662
acres on which used, 1997..	(D)	2 995	(D)	1 247	(D)	(D)	384 918	394 979
..... 1992..	(D)	6 240	97 474	(D)	(D)	(D)	362 697	366 414
Pastureland and rangeland fertilized..... farms, 1997..	—	6	2	—	1	1	122	12
..... 1992..	—	5	—	1	1	1	133	37
acres on which used, 1997..	—	225	(D)	—	(D)	(D)	2 844	2 075
..... 1992..	—	1 155	—	(D)	(D)	(D)	4 391	3 075
Sprays, dusts, granules, fumigants, etc., to control—								
Insects on hay and other crops farms, 1997..	—	—	81	1	2	114	971	335
..... 1992..	—	4	66	—	—	208	1 298	419
acres on which used, 1997..	—	—	35 934	(D)	(D)	66 713	200 648	179 173
..... 1992..	—	(D)	32 685	—	—	47 309	248 045	211 253
Nematodes in crops farms, 1997..	—	—	—	1	—	1	147	14
..... 1992..	—	—	—	—	—	11	153	8
acres on which used, 1997..	—	—	—	(D)	—	(D)	13 744	3 868
..... 1992..	—	—	—	—	—	1 228	16 682	3 693
Diseases in crops and orchards..... farms, 1997..	—	1	7	—	1	4	189	113
..... 1992..	—	3	18	—	—	18	240	47
acres on which used, 1997..	—	(D)	1 823	—	(D)	645	26 865	29 110
..... 1992..	—	18	2 922	—	—	3 880	28 002	13 598
Weeds, grass, or brush in crops and pasture farms, 1997..	1	13	101	5	7	265	1 062	437
..... 1992..	—	13	136	5	23	224	1 263	369
acres on which used, 1997..	(D)	6 992	59 599	129	147	171 844	277 351	270 598
..... 1992..	—	2 139	70 884	401	1 926	111 724	291 527	204 372
Chemicals used on crops to control growth, thin fruit, or defoliate farms, 1997..	—	—	4	—	—	16	13	13
..... 1992..	—	—	2	—	—	5	31	14
acres on which used, 1997..	—	—	108	—	—	6 382	5 651	9 951
..... 1992..	—	—	(D)	—	—	7 791	2 476	5 037