

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

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

Item	Arizona	Apache	Cochise	Coconino	Gila	Graham	Greenlee	La Paz
Commercial fertilizer, lime, and soil conditioners <sup>1 2</sup> ..... farms, 2007	2,723	377	242	144	18	102	40	54
..... farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	758,296	3,605	54,527	786	(D)	25,314	3,212	96,758
..... acres treated, 2002	804,352	3,513	44,223	174	405	29,415	3,266	88,063
Cropland fertilized, except cropland pastured ..... farms, 2007	2,328	363	200	120	14	87	30	53
..... farms, 2002	2,423	23	272	16	16	120	36	57
..... acres treated, 2007	744,291	2,556	51,856	317	(D)	24,969	2,815	(D)
..... acres treated, 2002	796,477	3,112	42,438	174	(D)	29,240	2,630	87,943
Pastureland and rangeland fertilized ..... farms, 2007	458	17	47	25	4	17	13	1
..... farms, 2002	379	28	50	-	3	31	15	5
..... acres treated, 2007	14,005	1,049	2,671	469	(D)	345	397	(D)
..... acres treated, 2002	7,875	401	1,785	-	(D)	175	636	120
Manure <sup>1</sup> ..... farms, 2007	555	19	48	18	5	21	4	6
..... farms, 2002	745	52	37	26	2	26	7	3
..... acres treated, 2007	90,642	357	3,540	195	(D)	1,025	171	1,505
..... acres treated, 2002	91,978	1,230	1,385	81	(D)	1,243	(D)	103
Chemicals used to control- <sup>1</sup>								
Insects ..... farms, 2007	1,111	20	116	5	9	59	19	39
..... farms, 2002	1,540	1	172	3	3	72	9	49
..... acres treated, 2007	615,595	2,293	33,522	28	563	21,793	1,069	87,312
..... acres treated, 2002	589,093	(D)	26,921	(D)	3	17,332	1,125	68,811
Weeds, grass, or brush ..... farms, 2007	1,173	10	138	15	3	59	26	38
..... farms, 2002	1,416	16	107	1	1	93	25	48
..... acres treated, 2007	560,730	1,427	33,332	880	(D)	18,277	1,900	70,932
..... acres treated, 2002	513,462	4,550	35,293	(D)	(D)	25,504	2,180	45,937
Nematodes ..... farms, 2007	66	-	6	-	-	-	-	5
..... farms, 2002	89	-	5	-	3	-	-	9
..... acres treated, 2007	38,802	-	578	-	-	-	-	(D)
..... acres treated, 2002	28,776	-	872	-	(D)	-	-	3,697
Diseases in crops and orchards ..... farms, 2007	139	-	27	-	-	8	-	7
..... farms, 2002	290	-	69	-	3	6	2	4
..... acres treated, 2007	53,683	-	2,579	-	-	568	-	(D)
..... acres treated, 2002	57,063	-	7,874	-	3	(D)	(D)	1,390
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007	286	-	13	-	1	24	2	11
..... farms, 2002	307	-	18	-	-	34	1	11
..... acres treated, 2007	157,836	-	2,817	-	(D)	14,310	(D)	11,794
..... acres treated, 2002	162,112	-	4,335	-	-	14,624	(D)	6,924
Item	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Commercial fertilizer, lime, and soil conditioners <sup>1 2</sup> ..... farms, 2007	522	37	277	108	298	18	147	339
..... farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2007	159,667	15,889	3,581	31,902	193,537	(D)	5,172	163,237
..... acres treated, 2002	220,685	18,849	1,757	26,903	185,745	501	4,583	176,270
Cropland fertilized, except cropland pastured ..... farms, 2007	403	32	242	72	260	10	109	333
..... farms, 2002	862	34	14	126	256	12	115	464
..... acres treated, 2007	158,718	15,782	2,059	30,233	192,501	(D)	1,791	163,198
..... acres treated, 2002	219,391	(D)	1,676	26,586	184,043	301	3,873	176,063
Pastureland and rangeland fertilized ..... farms, 2007	132	5	47	37	49	9	48	7
..... farms, 2002	162	2	18	11	28	4	8	14
..... acres treated, 2007	949	107	1,522	1,669	1,036	282	3,381	39
..... acres treated, 2002	1,294	(D)	81	317	1,702	200	710	207
Manure <sup>1</sup> ..... farms, 2007	146	12	39	30	92	4	78	33
..... farms, 2002	262	18	41	27	95	5	75	69
..... acres treated, 2007	25,872	145	593	2,060	44,467	(D)	1,337	9,109
..... acres treated, 2002	43,932	1,055	273	1,260	19,605	5	544	20,328
Chemicals used to control- <sup>1</sup>								
Insects ..... farms, 2007	253	17	16	62	195	8	47	246
..... farms, 2002	518	17	19	58	217	1	55	346
..... acres treated, 2007	119,362	21,129	871	21,420	154,935	100	947	150,251
..... acres treated, 2002	157,144	16,348	282	16,508	130,133	(D)	1,198	151,775
Weeds, grass, or brush ..... farms, 2007	327	15	25	55	201	10	58	193
..... farms, 2002	550	18	16	87	155	4	10	285
..... acres treated, 2007	118,576	18,053	950	10,697	150,501	(D)	2,085	131,844
..... acres treated, 2002	145,320	14,675	644	20,848	103,493	585	(D)	113,804
Nematodes ..... farms, 2007	23	1	-	1	9	-	10	11
..... farms, 2002	44	2	-	-	9	-	-	17
..... acres treated, 2007	11,327	(D)	-	(D)	6,244	-	102	(D)
..... acres treated, 2002	11,134	(D)	-	-	5,636	-	-	7,430
Diseases in crops and orchards ..... farms, 2007	23	1	5	4	6	4	6	48
..... farms, 2002	82	-	-	15	24	-	23	62
..... acres treated, 2007	3,065	(D)	(D)	(D)	3,815	55	14	35,179
..... acres treated, 2002	4,724	-	-	(D)	12,941	-	23	27,431
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate <sup>1</sup> ..... farms, 2007	42	3	2	19	94	-	1	74
..... farms, 2002	86	3	-	11	100	-	1	42
..... acres treated, 2007	23,780	(D)	(D)	14,822	63,834	-	(D)	21,792
..... acres treated, 2002	40,120	(D)	-	9,555	65,672	-	(D)	17,928

<sup>1</sup> 2002 data are based on a sample of farms.

<sup>2</sup> 2002 farm count data are not comparable due to calculation change.