

Table 42. Fertilizers and Chemicals Applied: 2007 and 2002

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

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin
Commercial fertilizer, lime, and soil conditioners ^{1,2}farms, 2007	3,330	136	187	315	34	234	331
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	98,188	1,378	9,707	8,001	823	4,485	13,125
.....acres treated, 2002	107,375	2,175	7,981	6,883	366	5,036	16,379
Cropland fertilized, except cropland pasturedfarms, 2007	2,921	111	169	281	28	185	291
.....farms, 2002	2,671	115	137	281	23	168	300
.....acres treated, 2007	89,165	1,296	8,196	7,300	(D)	3,777	11,847
.....acres treated, 2002	99,678	2,144	7,387	6,645	(D)	4,912	15,459
Pastureland and rangeland fertilizedfarms, 2007	668	28	43	60	10	55	89
.....farms, 2002	554	8	64	46	11	18	17
.....acres treated, 2007	9,023	82	1,511	701	(D)	708	1,278
.....acres treated, 2002	7,697	31	594	238	(D)	124	920
Manure ¹farms, 2007	1,301	23	119	115	11	86	201
.....farms, 2002	1,498	32	82	156	23	130	161
.....acres treated, 2007	32,236	(D)	7,553	1,932	50	1,343	5,942
.....acres treated, 2002	29,537	(D)	5,902	1,741	131	1,579	5,759
Chemicals used to control- ¹							
Insectsfarms, 2007	1,441	84	46	155	10	67	100
.....farms, 2002	1,464	79	48	185	6	83	110
.....acres treated, 2007	41,176	1,237	1,007	3,053	(D)	1,747	5,162
.....acres treated, 2002	42,128	1,992	1,304	2,944	(D)	1,416	6,486
Weeds, grass, or brushfarms, 2007	1,326	65	55	129	4	78	129
.....farms, 2002	1,301	76	48	168	3	109	82
.....acres treated, 2007	41,313	880	4,423	2,601	(D)	1,608	5,189
.....acres treated, 2002	45,942	1,952	4,017	3,304	(D)	1,690	6,683
Nematodesfarms, 2007	103	4	2	10	2	4	9
.....farms, 2002	186	6	-	27	1	11	22
.....acres treated, 2007	1,921	12	(D)	65	(D)	(D)	409
.....acres treated, 2002	4,664	962	-	320	(D)	(D)	1,183
Diseases in crops and orchardsfarms, 2007	720	45	18	83	7	27	51
.....farms, 2002	795	51	23	96	4	56	64
.....acres treated, 2007	16,675	570	254	1,273	16	601	1,517
.....acres treated, 2002	22,396	531	466	1,351	(D)	559	3,763
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹farms, 2007	216	6	7	13	-	11	22
.....farms, 2002	154	6	-	20	-	9	4
.....acres treated, 2007	3,865	(D)	115	224	-	83	649
.....acres treated, 2002	2,004	(D)	-	107	-	65	(D)

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester
Commercial fertilizer, lime, and soil conditioners ^{1,2}farms, 2007	226	342	308	12	96	494	4	611
.....farms, 2002	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2007	5,878	14,265	8,191	401	1,235	13,985	6	16,708
.....acres treated, 2002	5,516	15,802	7,390	(D)	1,122	15,304	(D)	23,283
Cropland fertilized, except cropland pasturedfarms, 2007	188	307	276	12	81	464	4	524
.....farms, 2002	213	239	233	6	62	429	4	461
.....acres treated, 2007	5,451	13,095	7,647	(D)	1,056	13,624	6	14,913
.....acres treated, 2002	4,822	13,929	7,267	(D)	981	15,139	(D)	20,649
Pastureland and rangeland fertilizedfarms, 2007	50	70	47	1	19	48	-	148
.....farms, 2002	59	78	23	1	25	26	-	178
.....acres treated, 2007	427	1,170	544	(D)	179	361	-	1,795
.....acres treated, 2002	694	1,873	123	(D)	141	165	-	2,634
Manure ¹farms, 2007	98	151	103	1	35	103	-	255
.....farms, 2002	55	193	103	2	50	73	-	438
.....acres treated, 2007	2,002	4,194	1,846	(D)	434	1,126	-	5,769
.....acres treated, 2002	843	3,554	1,262	(D)	467	733	-	7,453
Chemicals used to control- ¹								
Insectsfarms, 2007	91	132	126	6	33	389	-	202
.....farms, 2002	106	143	143	4	23	337	1	196
.....acres treated, 2007	2,789	5,778	2,493	(D)	447	12,137	-	4,917
.....acres treated, 2002	2,016	7,476	2,754	(D)	401	11,607	(D)	3,626
Weeds, grass, or brushfarms, 2007	74	135	77	6	25	321	-	228
.....farms, 2002	79	129	88	3	16	290	1	209
.....acres treated, 2007	2,267	7,450	1,896	(D)	224	9,273	-	5,176
.....acres treated, 2002	1,741	8,728	1,458	(D)	306	9,950	(D)	5,970
Nematodesfarms, 2007	8	19	6	-	-	24	-	15
.....farms, 2002	23	61	3	-	-	14	-	18
.....acres treated, 2007	232	496	315	-	-	322	-	48
.....acres treated, 2002	537	892	(D)	-	-	193	-	351
Diseases in crops and orchardsfarms, 2007	32	67	61	3	14	190	-	122
.....farms, 2002	53	80	76	1	7	188	1	95
.....acres treated, 2007	850	2,703	1,073	3	149	5,049	-	2,617
.....acres treated, 2002	982	4,123	1,752	(D)	105	6,883	(D)	1,868
Chemicals used on crops to control growth, thin fruit, ripen, or defoliate ¹farms, 2007	13	25	20	-	4	41	-	54
.....farms, 2002	9	11	31	1	2	45	-	16
.....acres treated, 2007	214	433	398	-	(D)	416	-	1,214
.....acres treated, 2002	14	115	654	(D)	(D)	455	-	444

¹ 2002 data are based on a sample of farms.

² 2002 farm count data are not comparable due to calculation change.