

**Table 40. Fertilizers and Chemicals Applied: 2017 and 2012**

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

Item	Massachusetts	Barnstable	Berkshire
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	2,753	91	147
2012	2,751	106	147
acres treated, 2017	88,586	1,200	8,548
2012	86,121	1,193	6,740
Cropland fertilized, except cropland pasture .....farms, 2017	2,439	89	128
2012	2,500	96	128
acres treated, 2017	81,642	1,128	8,092
2012	80,751	1,165	6,164
Pastureland and rangeland fertilized .....farms, 2017	506	11	30
2012	422	10	35
acres treated, 2017	6,944	72	456
2012	5,370	28	576
Manure .....farms, 2017	1,281	41	98
2012	1,155	30	100
acres treated, 2017	25,651	117	5,493
2012	24,374	61	3,757
Organic fertilizer (see text) .....farms, 2017	522	25	18
2012	(NA)	(NA)	(NA)
acres treated, 2017	4,490	86	300
2012	(NA)	(NA)	(NA)
Acres treated to control--			
Insects .....farms, 2017	1,141	66	22
2012	1,775	89	76
acres, 2017	34,823	942	715
2012	44,407	1,168	1,946
Weeds, grass, or brush .....farms, 2017	1,074	44	37
2012	1,873	80	95
acres, 2017	45,819	689	4,073
2012	58,478	1,141	4,106
Nematodes .....farms, 2017	120	2	1
2012	333	14	16
acres, 2017	3,437	(D)	(D)
2012	15,359	504	(D)
Diseases in crops and orchards .....farms, 2017	707	30	13
2012	921	53	35
acres, 2017	20,774	681	306
2012	28,054	913	(D)
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	194	8	5
2012	240	12	6
acres on which used, 2017	4,345	86	61
2012	10,086	509	(D)

  

Item	Bristol	Dukes	Essex	Franklin
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	237	34	189	321
2012	234	17	163	292
acres treated, 2017	6,501	412	4,983	14,384
2012	7,096	234	3,653	13,008
Cropland fertilized, except cropland pasture .....farms, 2017	223	25	160	259
2012	224	16	131	261
acres treated, 2017	6,133	191	4,169	12,185
2012	6,639	199	3,220	12,112
Pastureland and rangeland fertilized .....farms, 2017	31	14	45	98
2012	24	5	37	61
acres treated, 2017	368	221	814	2,199
2012	457	35	433	896
Manure .....farms, 2017	110	20	90	209
2012	65	9	84	163
acres treated, 2017	1,434	224	1,077	5,292
2012	981	101	850	3,832
Organic fertilizer (see text) .....farms, 2017	38	18	45	74
2012	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	607	131	266	1,043
2012	(NA)	(NA)	(NA)	(NA)
Acres treated to control--				
Insects .....farms, 2017	95	12	54	104
2012	171	12	105	167
acres, 2017	2,272	45	989	5,920
2012	3,285	(D)	1,995	6,428
Weeds, grass, or brush .....farms, 2017	99	8	61	115
2012	178	10	94	204
acres, 2017	3,222	64	2,097	7,148
2012	4,648	(D)	2,668	9,059
Nematodes .....farms, 2017	14	1	8	19
2012	33	1	12	34
acres, 2017	289	(D)	68	1,141
2012	931	(D)	588	2,335
Diseases in crops and orchards .....farms, 2017	48	7	45	77
2012	80	10	41	93
acres, 2017	791	18	452	3,392
2012	1,582	20	1,224	4,205
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	13	-	10	19
2012	26	1	10	25
acres on which used, 2017	526	-	189	231
2012	472	(D)	104	1,119

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**Table 40. Fertilizers and Chemicals Applied: 2017 and 2012 (continued)**

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

Item	Hampden	Hampshire	Middlesex	Nantucket	
Commercial fertilizer, lime, and soil conditioners .....	farms, 2017	223	297	226	12
	2012	211	328	290	8
acres treated, 2017	6,692	10,975	5,533	354	
	2012	6,557	13,828	5,400	348
Cropland fertilized, except cropland pasture .....	farms, 2017	198	261	205	12
	2012	196	290	263	8
acres treated, 2017	6,356	10,357	4,958	354	
	2012	6,309	12,926	5,103	348
Pastureland and rangeland fertilized .....	farms, 2017	41	61	30	-
	2012	29	63	42	-
acres treated, 2017	336	618	575	-	
	2012	248	902	297	-
Manure .....	farms, 2017	100	120	93	5
	2012	90	136	112	5
acres treated, 2017	1,700	2,695	1,154	8	
	2012	2,548	4,042	1,283	5
Organic fertilizer (see text) .....	farms, 2017	14	51	82	5
	2012	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	45	270	454	(D)	
	2012	(NA)	(NA)	(NA)	(NA)
Acres treated to control--					
Insects .....	farms, 2017	70	123	97	8
	2012	114	172	164	3
acres, 2017	2,104	4,221	1,353	(D)	
	2012	2,864	5,624	2,806	(D)
Weeds, grass, or brush .....	farms, 2017	72	124	52	3
	2012	131	189	179	3
acres, 2017	3,188	6,007	1,758	21	
	2012	3,568	9,955	3,537	(D)
Nematodes .....	farms, 2017	5	19	9	2
	2012	20	38	30	2
acres, 2017	27	674	33	(D)	
	2012	516	3,541	372	(D)
Diseases in crops and orchards .....	farms, 2017	41	85	55	5
	2012	43	93	93	3
acres, 2017	1,274	2,997	620	8	
	2012	1,376	3,839	1,065	(D)
Chemicals used to control growth, thin fruit, ripen, or defoliate .....	farms, 2017	3	27	14	-
	2012	11	17	14	1
acres on which used, 2017	61	463	432	-	
	2012	218	2,502	263	(D)

  

Item	Norfolk	Plymouth	Suffolk	Worcester	
Commercial fertilizer, lime, and soil conditioners .....	farms, 2017	58	374	10	534
	2012	62	423	10	460
acres treated, 2017	678	13,435	10	14,881	
	2012	1,155	13,812	13	13,084
Cropland fertilized, except cropland pasture .....	farms, 2017	53	347	10	469
	2012	60	405	10	412
acres treated, 2017	605	13,058	10	14,046	
	2012	1,116	13,559	13	11,878
Pastureland and rangeland fertilized .....	farms, 2017	9	34	-	102
	2012	4	33	-	79
acres treated, 2017	73	377	-	835	
	2012	39	253	-	1,206
Manure .....	farms, 2017	27	72	3	293
	2012	28	80	-	253
acres treated, 2017	538	557	3	5,359	
	2012	490	573	-	5,851
Organic fertilizer (see text) .....	farms, 2017	21	32	2	97
	2012	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	108	165	(D)	993	
	2012	(NA)	(NA)	(NA)	(NA)
Acres treated to control--					
Insects .....	farms, 2017	27	280	1	182
	2012	43	392	2	265
acres, 2017	247	12,251	(D)	3,722	
	2012	794	12,994	(D)	4,078
Weeds, grass, or brush .....	farms, 2017	14	240	-	205
	2012	41	373	3	293
acres, 2017	139	11,963	-	5,450	
	2012	892	12,947	5	5,527
Nematodes .....	farms, 2017	3	17	-	20
	2012	6	90	-	37
acres, 2017	6	683	-	510	
	2012	113	5,544	-	524
Diseases in crops and orchards .....	farms, 2017	23	142	-	136
	2012	17	234	1	125
acres, 2017	105	6,954	-	3,176	
	2012	477	10,019	(D)	2,530
Chemicals used to control growth, thin fruit, ripen, or defoliate .....	farms, 2017	7	26	1	61
	2012	9	50	-	58
acres on which used, 2017	(D)	491	(D)	1,754	
	2012	70	3,257	-	1,413