

Table 40. Fertilizers and Chemicals Applied: 2022 and 2017

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

Item	Massachusetts	Barnstable	Berkshire	Bristol	Dukes	Essex	Franklin	
Commercial fertilizer, lime, and soil conditioners	farms, 2022	2,565	102	171	204	18	165	282
	2017	2,753	91	147	237	34	189	321
acres treated, 2022	76,096	961	7,556	6,360	489	2,959	9,920	
	2017	88,586	1,200	8,548	6,501	4,122	14,384	
Cropland fertilized, except cropland pasture	farms, 2022	2,330	94	153	187	10	122	265
	2017	2,439	89	128	223	25	160	259
acres treated, 2022	71,536	908	7,129	5,977	175	2,645	8,836	
	2017	81,642	1,128	8,092	6,133	191	4,169	12,185
Pastureland and rangeland fertilized	farms, 2022	397	8	31	37	12	47	53
	2017	506	11	30	31	14	45	98
acres treated, 2022	4,560	53	427	383	314	314	1,084	
	2017	6,944	72	456	368	221	814	2,199
Manure	farms, 2022	1,307	28	115	98	13	69	174
	2017	1,281	41	98	110	20	90	209
acres treated, 2022	22,594	65	3,555	1,183	170	1,145	3,736	
	2017	25,651	117	5,493	1,434	224	1,077	5,292
Organic fertilizer	farms, 2022	520	34	31	20	6	46	83
	2017	522	25	18	38	18	45	74
acres treated, 2022	4,156	87	109	149	189	197	699	
	2017	4,490	86	300	607	131	266	1,043
Acres treated to control- Insects	farms, 2022	1,638	92	79	108	5	116	148
	2017	1,141	66	22	95	12	54	104
acres, 2022	36,782	890	2,073	2,265	70	1,541	4,005	
	2017	34,823	942	715	2,272	45	989	5,920
Weeds, grass, or brush	farms, 2022	1,626	79	120	124	8	95	171
	2017	1,074	44	37	99	8	61	115
acres, 2022	46,759	847	3,753	3,122	83	2,147	6,668	
	2017	45,819	689	4,073	3,222	64	2,097	7,148
Nematodes	farms, 2022	352	17	11	34	2	21	37
	2017	120	2	1	14	1	8	19
acres, 2022	6,889	81	244	911	(D)	351	1,394	
	2017	3,437	(D)	(D)	289	(D)	68	1,141
Diseases in crops and orchards	farms, 2022	901	48	30	62	2	50	92
	2017	707	30	13	48	7	45	77
acres, 2022	23,129	607	607	1,469	(D)	947	2,965	
	2017	20,774	681	306	791	18	452	3,392
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2022	574	31	26	38	1	36	36
	2017	194	8	5	13	-	10	19
acres on which used, 2022	14,588	471	411	1,071	(D)	649	1,212	
	2017	4,345	86	61	526	-	189	231

Item	Hampden	Hampshire	Middlesex	Nantucket	Norfolk	Plymouth	Suffolk	Worcester	
Commercial fertilizer, lime, and soil conditioners	farms, 2022	183	233	226	14	67	386	18	496
	2017	223	297	226	12	58	374	10	534
acres treated, 2022	5,843	10,183	4,554	232	738	12,360	56	13,885	
	2017	6,692	10,975	5,533	354	678	13,435	10	14,881
Cropland fertilized, except cropland pasture	farms, 2022	164	210	206	14	62	379	18	446
	2017	198	261	205	12	53	347	10	469
acres treated, 2022	5,487	9,642	4,272	232	650	12,278	32	13,273	
	2017	6,356	10,357	4,958	354	605	13,058	10	14,046
Pastureland and rangeland fertilized	farms, 2022	30	43	28	-	6	17	6	79
	2017	41	61	30	-	9	34	-	102
acres treated, 2022	356	541	282	-	88	82	24	612	
	2017	336	618	575	-	73	377	-	835
Manure	farms, 2022	81	129	115	7	29	60	6	383
	2017	100	120	93	5	27	72	3	293
acres treated, 2022	2,005	2,851	1,158	14	570	599	24	5,519	
	2017	1,700	2,695	1,154	8	538	557	3	5,359
Organic fertilizer	farms, 2022	29	35	65	7	25	38	16	85
	2017	14	51	82	5	21	32	2	97
acres treated, 2022	280	574	353	159	240	123	58	939	
	2017	45	270	454	(D)	108	165	(D)	993
Acres treated to control- Insects	farms, 2022	97	133	139	14	44	348	15	300
	2017	70	123	97	8	27	280	1	182
acres, 2022	3,152	4,864	1,664	176	494	11,366	33	4,189	
	2017	2,104	4,221	1,353	(D)	247	12,251	(D)	3,722
Weeds, grass, or brush	farms, 2022	117	135	129	5	38	315	8	282
	2017	72	124	52	3	14	240	-	205
acres, 2022	3,665	6,902	2,398	28	413	10,974	68	5,691	
	2017	3,188	6,007	1,758	21	139	11,963	-	5,450
Nematodes	farms, 2022	17	37	35	1	15	70	9	46
	2017	5	19	9	2	3	17	-	20
acres, 2022	554	674	551	(D)	88	1,736	9	232	
	2017	27	674	33	(D)	6	683	-	510
Diseases in crops and orchards	farms, 2022	63	87	64	4	33	222	6	138
	2017	41	85	55	5	23	142	-	136
acres, 2022	2,081	2,843	1,153	45	399	8,150	(D)	1,796	
	2017	1,274	2,997	620	8	105	6,954	-	3,176
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2022	29	50	34	-	8	205	-	80
	2017	3	27	14	-	7	26	1	61
acres on which used, 2022	801	3,036	1,015	-	(D)	4,348	-	1,482	
	2017	61	463	432	-	(D)	491	(D)	1,754