

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

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

Item	New Jersey	Atlantic	Bergen	Burlington	Camden
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	3,836	226	28	437	88
2012	3,718	221	25	429	79
acres treated, 2017	302,529	14,176	153	33,884	3,763
2012	308,534	15,604	218	39,147	3,194
Cropland fertilized, except cropland pasture .....farms, 2017	3,313	220	28	365	66
2012	3,318	207	19	375	69
acres treated, 2017	291,655	14,101	153	32,561	3,574
2012	298,269	15,479	(D)	37,626	3,099
Pastureland and rangeland fertilized .....farms, 2017	782	12	-	95	28
2012	730	15	6	86	14
acres treated, 2017	10,874	75	-	1,323	189
2012	10,265	125	(D)	1,521	95
Manure .....farms, 2017	1,272	33	7	143	42
2012	1,240	36	5	96	15
acres treated, 2017	29,735	563	90	1,810	340
2012	29,436	620	100	1,834	98
Organic fertilizer (see text) .....farms, 2017	289	17	-	30	8
2012	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	5,090	342	-	179	174
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--					
Insects .....farms, 2017	1,425	121	13	183	33
2012	2,032	174	22	275	54
acres, 2017	147,844	11,985	73	13,846	2,907
2012	146,204	14,609	140	18,952	2,743
Weeds, grass, or brush .....farms, 2017	2,222	113	10	274	46
2012	3,091	181	19	376	61
acres, 2017	288,226	12,044	72	33,977	3,641
2012	300,039	15,202	135	41,705	3,027
Nematodes .....farms, 2017	156	21	-	20	2
2012	395	48	2	60	10
acres, 2017	21,915	2,225	-	1,835	(D)
2012	22,651	4,799	(D)	3,169	1,393
Diseases in crops and orchards .....farms, 2017	814	83	12	89	21
2012	1,018	111	11	124	32
acres, 2017	75,186	9,799	(D)	6,133	1,850
2012	65,795	10,964	33	10,675	2,071
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	145	17	3	6	5
2012	305	35	6	42	9
acres on which used, 2017	5,106	1,228	31	142	43
2012	17,037	3,834	7	2,239	(D)
Item	Cape May	Cumberland	Essex	Gloucester	Hudson
Commercial fertilizer, lime, and soil conditioners .....farms, 2017	76	298	10	258	-
2012	79	319	4	272	-
acres treated, 2017	2,314	37,427	41	25,880	-
2012	2,662	34,767	11	25,383	-
Cropland fertilized, except cropland pasture .....farms, 2017	66	283	5	252	-
2012	76	312	4	255	-
acres treated, 2017	2,258	37,196	7	25,708	-
2012	2,627	34,518	11	24,997	-
Pastureland and rangeland fertilized .....farms, 2017	13	28	-	21	-
2012	10	31	-	40	-
acres treated, 2017	56	231	34	172	-
2012	35	249	-	386	-
Manure .....farms, 2017	17	64	-	75	-
2012	28	56	-	61	-
acres treated, 2017	78	1,817	-	1,961	-
2012	139	1,995	-	1,961	-
Organic fertilizer (see text) .....farms, 2017	3	24	6	9	-
2012	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	18	497	36	65	-
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--					
Insects .....farms, 2017	25	168	-	148	-
2012	48	197	2	148	-
acres, 2017	1,183	28,214	-	15,662	-
2012	1,869	24,774	(D)	12,645	-
Weeds, grass, or brush .....farms, 2017	38	222	2	192	-
2012	67	317	5	220	-
acres, 2017	1,670	36,052	(D)	26,248	-
2012	2,393	36,635	17	24,649	-
Nematodes .....farms, 2017	1	24	-	13	-
2012	9	43	-	37	-
acres, 2017	(D)	4,990	-	1,615	-
2012	70	2,609	-	2,676	-
Diseases in crops and orchards .....farms, 2017	14	99	-	94	-
2012	31	99	-	82	-
acres, 2017	906	14,380	-	9,680	-
2012	1,601	10,372	-	5,978	-
Chemicals used to control growth, thin fruit, ripen, or defoliate .....farms, 2017	4	12	-	9	-
2012	5	21	-	22	-
acres on which used, 2017	19	1,580	-	111	-
2012	19	1,739	-	2,638	-

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

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

Item	Hunterdon	Mercer	Middlesex	Monmouth	Morris	Ocean
Commercial fertilizer, lime, and soil conditioners ..... farms, 2017	520	121	91	316	125	58
..... 2012	451	127	103	305	128	67
..... acres treated, 2017	32,873	8,681	6,855	17,270	4,030	1,600
..... 2012	32,970	8,263	8,887	17,203	3,778	2,067
Cropland fertilized, except cropland pasture ..... farms, 2017	417	114	89	250	101	45
..... 2012	380	107	100	249	116	54
..... acres treated, 2017	30,630	8,456	(D)	15,807	3,577	1,527
..... 2012	30,343	7,881	8,854	15,424	3,670	1,916
Pastureland and rangeland fertilized ..... farms, 2017	163	10	3	92	32	15
..... 2012	153	30	5	76	18	17
..... acres treated, 2017	2,243	225	(D)	1,463	453	73
..... 2012	2,627	382	33	1,779	108	151
Manure ..... farms, 2017	205	57	23	113	51	22
..... 2012	233	38	19	90	58	29
..... acres treated, 2017	4,177	729	164	1,539	1,015	131
..... 2012	4,839	425	325	687	602	446
Organic fertilizer (see text) ..... farms, 2017	41	17	14	21	19	5
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	1,092	109	20	186	94	18
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects ..... farms, 2017	93	49	45	111	39	23
..... 2012	162	64	66	172	84	44
..... acres, 2017	11,792	1,688	4,422	4,656	1,194	1,098
..... 2012	7,495	1,655	2,464	9,067	1,604	942
Weeds, grass, or brush ..... farms, 2017	243	81	54	164	61	33
..... 2012	337	103	89	270	103	46
..... acres, 2017	30,595	9,568	7,845	14,513	2,394	1,793
..... 2012	26,204	7,943	9,179	16,067	2,694	1,690
Nematodes ..... farms, 2017	15	4	4	5	6	6
..... 2012	23	11	12	33	18	6
..... acres, 2017	5,135	6	10	145	181	309
..... 2012	227	205	286	1,630	72	(D)
Diseases in crops and orchards ..... farms, 2017	67	20	29	59	23	14
..... 2012	74	34	42	82	45	18
..... acres, 2017	5,875	805	1,614	2,379	878	601
..... 2012	1,218	702	2,052	2,085	947	454
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2017	15	4	11	6	10	2
..... 2012	38	13	13	30	16	1
..... acres on which used, 2017	381	67	61	105	103	(D)
..... 2012	746	545	170	284	111	(D)
Item	Passaic	Salem	Somerset	Sussex	Union	Warren
Commercial fertilizer, lime, and soil conditioners ..... farms, 2017	14	416	165	275	6	308
..... 2012	17	394	140	254	4	300
..... acres treated, 2017	141	59,819	10,454	10,558	36	32,574
..... 2012	149	58,360	12,567	10,752	37	32,515
Cropland fertilized, except cropland pasture ..... farms, 2017	11	368	136	219	3	275
..... 2012	17	367	124	225	4	258
..... acres treated, 2017	107	58,767	9,078	9,681	(D)	31,671
..... 2012	(D)	57,738	11,555	10,359	37	31,894
Pastureland and rangeland fertilized ..... farms, 2017	3	85	45	77	3	52
..... 2012	2	66	42	56	-	63
..... acres treated, 2017	34	1,052	1,376	877	(D)	903
..... 2012	(D)	622	1,012	393	-	621
Manure ..... farms, 2017	4	81	66	166	-	103
..... 2012	8	112	59	160	-	137
..... acres treated, 2017	53	4,431	2,161	3,416	-	5,260
..... 2012	16	4,994	1,870	3,089	-	5,396
Organic fertilizer (see text) ..... farms, 2017	3	10	24	20	-	18
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	8	83	1,692	153	-	324
..... 2012	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
Insects ..... farms, 2017	5	167	41	47	2	112
..... 2012	15	189	63	108	4	141
..... acres, 2017	(D)	28,194	3,319	1,737	(D)	15,796
..... 2012	112	24,956	4,870	2,877	(D)	14,395
Weeds, grass, or brush ..... farms, 2017	7	299	77	104	3	199
..... 2012	16	355	93	175	4	254
..... acres, 2017	71	63,143	8,588	6,228	(D)	29,772
..... 2012	111	62,521	9,954	7,810	28	32,075
Nematodes ..... farms, 2017	-	11	3	4	-	17
..... 2012	2	33	6	17	-	25
..... acres, 2017	-	1,544	986	(D)	-	2,030
..... 2012	(D)	3,171	721	567	-	728
Diseases in crops and orchards ..... farms, 2017	2	76	23	32	-	57
..... 2012	5	89	22	43	2	72
..... acres, 2017	(D)	11,319	1,529	331	-	7,060
..... 2012	(D)	12,214	1,698	596	(D)	2,102
Chemicals used to control growth, thin fruit, ripen, or defoliate ..... farms, 2017	1	8	5	10	-	17
..... 2012	-	24	2	17	-	11
..... acres on which used, 2017	(D)	124	7	73	-	960
..... 2012	-	3,288	(D)	111	-	180