

Table 40. Fertilizers and Chemicals Applied: 2017 and 2012

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

Item	United States	Alabama	Alaska	Arizona
Commercial fertilizer, lime, and soil conditioners farms, 2017	881,431	19,163	363	2,254
..... 2012	877,907	17,100	316	2,382
..... acres treated, 2017	253,766,165	2,193,333	24,785	770,429
..... 2012	247,802,465	2,065,552	30,152	771,781
Cropland fertilized, except cropland pasture farms, 2017	703,670	9,094	332	1,728
..... 2012	718,785	8,508	300	2,006
..... acres treated, 2017	233,302,312	1,422,154	19,930	740,518
..... 2012	228,657,493	1,393,619	22,010	758,644
Pastureland and rangeland fertilized farms, 2017	281,367	13,034	58	617
..... 2012	262,454	10,948	52	434
..... acres treated, 2017	20,463,853	771,179	4,855	29,911
..... 2012	19,144,972	671,933	8,142	13,137
Manure farms, 2017	297,297	5,580	156	960
..... 2012	275,420	5,840	115	813
..... acres treated, 2017	23,888,525	502,928	1,904	116,121
..... 2012	22,072,968	588,142	1,843	89,675
Organic fertilizer (see text) farms, 2017	50,105	1,234	96	327
..... 2012	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	3,454,441	61,456	403	31,851
..... 2012	(NA)	(NA)	(NA)	(NA)
Acres treated to control--				
Insects farms, 2017	306,214	4,431	52	1,022
..... 2012	361,286	5,997	58	1,321
..... acres, 2017	112,440,971	1,124,965	408	746,365
..... 2012	100,719,008	999,678	548	538,806
Weeds, grass, or brush farms, 2017	702,075	12,704	104	1,454
..... 2012	794,320	13,626	127	2,012
..... acres, 2017	292,998,284	2,080,369	11,071	828,911
..... 2012	285,510,954	1,933,831	15,518	752,808
Nematodes farms, 2017	46,714	512	17	139
..... 2012	58,865	1,013	2	298
..... acres, 2017	14,672,861	152,793	31	51,916
..... 2012	14,454,000	261,403	(D)	140,349
Diseases in crops and orchards farms, 2017	121,023	1,278	26	228
..... 2012	121,682	1,710	9	346
..... acres, 2017	44,296,251	378,018	81	79,397
..... 2012	35,006,868	395,174	(D)	94,860
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2017	38,207	925	9	302
..... 2012	53,200	1,082	5	456
..... acres on which used, 2017	14,743,773	396,069	29	178,338
..... 2012	13,136,568	322,155	(D)	225,994
Item	Arkansas	California	Colorado	Connecticut
Commercial fertilizer, lime, and soil conditioners farms, 2017	15,205	32,613	10,365	1,991
..... 2012	15,557	32,646	9,708	1,942
..... acres treated, 2017	5,071,157	6,658,418	4,526,039	75,916
..... 2012	5,505,592	6,314,533	4,145,816	80,096
Cropland fertilized, except cropland pasture farms, 2017	8,450	31,202	8,904	1,710
..... 2012	8,460	31,244	8,616	1,722
..... acres treated, 2017	4,323,623	6,513,329	4,337,427	69,759
..... 2012	4,737,160	6,167,491	3,969,483	73,403
Pastureland and rangeland fertilized farms, 2017	8,673	1,740	2,135	503
..... 2012	8,875	1,918	1,772	428
..... acres treated, 2017	747,534	145,089	188,612	6,157
..... 2012	768,432	147,042	176,333	6,693
Manure farms, 2017	6,609	5,725	5,137	1,051
..... 2012	6,237	6,794	3,650	961
..... acres treated, 2017	821,644	656,688	424,050	28,416
..... 2012	730,365	712,975	343,410	27,092
Organic fertilizer (see text) farms, 2017	820	4,730	814	372
..... 2012	(NA)	(NA)	(NA)	(NA)
..... acres treated, 2017	103,773	336,701	85,269	3,857
..... 2012	(NA)	(NA)	(NA)	(NA)
Acres treated to control--				
Insects farms, 2017	5,409	24,393	3,508	672
..... 2012	7,398	25,064	4,221	1,096
..... acres, 2017	3,915,540	6,513,981	1,593,199	24,937
..... 2012	3,674,791	5,293,093	1,285,988	30,727
Weeds, grass, or brush farms, 2017	13,252	28,404	9,423	889
..... 2012	14,384	32,402	10,446	1,398
..... acres, 2017	6,433,092	7,007,896	6,435,661	46,468
..... 2012	6,186,811	6,116,162	5,904,526	54,508
Nematodes farms, 2017	511	4,381	281	77
..... 2012	653	4,485	477	203
..... acres, 2017	371,970	913,554	130,782	3,955
..... 2012	415,881	725,589	114,493	5,657
Diseases in crops and orchards farms, 2017	1,793	15,192	1,384	429
..... 2012	2,377	14,196	940	609
..... acres, 2017	1,809,370	2,686,889	683,424	9,534
..... 2012	1,752,635	2,038,769	279,614	13,448
Chemicals used to control growth, thin fruit, ripen, or defoliate farms, 2017	833	5,392	224	101
..... 2012	963	9,810	380	173
..... acres on which used, 2017	677,792	1,059,120	51,613	1,825
..... 2012	676,603	1,460,135	55,184	4,107

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

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

Item	Delaware	Florida	Georgia	Hawaii
Commercial fertilizer, lime, and soil conditionersfarms, 2017	1,100	17,412	19,580	2,979
.....farms, 2012	1,087	17,539	17,221	3,450
.....acres treated, 2017	355,413	2,345,285	3,446,808	100,104
.....acres treated, 2012	350,514	2,235,849	3,393,219	109,503
Cropland fertilized, except cropland pasturefarms, 2017	996	10,512	12,274	2,811
.....farms, 2012	975	11,482	11,144	3,271
.....acres treated, 2017	353,987	1,533,966	2,975,950	71,025
.....acres treated, 2012	347,979	1,526,329	2,965,881	84,346
Pastureland and rangeland fertilizedfarms, 2017	153	8,260	10,004	205
.....farms, 2012	194	7,466	8,672	246
.....acres treated, 2017	1,426	811,319	470,858	29,079
.....acres treated, 2012	2,535	709,520	427,338	25,157
Manurefarms, 2017	549	3,697	6,820	622
.....farms, 2012	548	3,039	6,562	634
.....acres treated, 2017	71,254	157,510	627,178	4,748
.....acres treated, 2012	67,494	136,125	633,534	5,165
Organic fertilizer (see text)farms, 2017	66	1,304	1,145	668
.....farms, 2012	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2017	2,128	72,035	73,098	5,235
.....acres treated, 2012	(NA)	(NA)	(NA)	(NA)
Acres treated to control--				
Insectsfarms, 2017	599	7,930	7,812	1,945
.....farms, 2012	604	10,017	8,719	2,349
.....acres, 2017	279,333	1,498,918	2,646,137	50,380
.....acres, 2012	215,943	1,301,710	2,178,419	30,417
Weeds, grass, or brushfarms, 2017	959	11,347	14,840	2,439
.....farms, 2012	1,014	13,898	15,329	3,299
.....acres, 2017	409,649	1,886,519	3,420,961	93,195
.....acres, 2012	397,644	1,846,661	3,395,168	114,713
Nematodesfarms, 2017	97	1,543	1,800	178
.....farms, 2012	124	2,292	2,547	379
.....acres, 2017	26,432	360,704	671,621	5,040
.....acres, 2012	26,017	407,959	1,112,678	4,089
Diseases in crops and orchardsfarms, 2017	269	3,915	3,597	805
.....farms, 2012	238	4,913	3,674	963
.....acres, 2017	121,136	845,962	1,130,408	8,963
.....acres, 2012	70,117	740,656	961,566	9,143
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2017	26	1,073	2,520	228
.....farms, 2012	33	2,227	2,562	338
.....acres on which used, 2017	5,771	206,805	1,153,845	3,506
.....acres on which used, 2012	13,126	499,590	1,128,744	19,000
Item	Idaho	Illinois	Indiana	Iowa
Commercial fertilizer, lime, and soil conditionersfarms, 2017	10,150	43,796	30,695	52,144
.....farms, 2012	10,293	43,784	30,260	54,093
.....acres treated, 2017	3,498,515	18,347,483	9,959,380	19,295,181
.....acres treated, 2012	3,562,999	18,055,173	9,732,948	19,641,333
Cropland fertilized, except cropland pasturefarms, 2017	8,130	42,165	27,976	50,048
.....farms, 2012	8,824	42,572	28,257	52,428
.....acres treated, 2017	3,354,465	18,163,593	9,836,566	18,760,579
.....acres treated, 2012	3,448,858	17,906,034	9,617,125	19,161,951
Pastureland and rangeland fertilizedfarms, 2017	3,251	4,575	5,722	7,595
.....farms, 2012	2,672	4,028	5,081	7,396
.....acres treated, 2017	144,050	183,890	122,814	534,602
.....acres treated, 2012	114,141	149,139	115,823	479,382
Manurefarms, 2017	4,007	9,616	12,204	21,111
.....farms, 2012	3,434	8,535	10,403	19,443
.....acres treated, 2017	348,931	597,699	791,293	2,762,414
.....acres treated, 2012	285,392	548,993	640,150	2,347,716
Organic fertilizer (see text)farms, 2017	582	952	1,490	1,463
.....farms, 2012	(NA)	(NA)	(NA)	(NA)
.....acres treated, 2017	78,542	144,211	109,755	192,333
.....acres treated, 2012	(NA)	(NA)	(NA)	(NA)
Acres treated to control--				
Insectsfarms, 2017	3,243	20,664	10,443	23,066
.....farms, 2012	3,846	25,712	12,114	27,915
.....acres, 2017	1,760,905	8,714,608	4,204,138	8,704,278
.....acres, 2012	1,463,898	9,415,667	4,024,293	9,204,573
Weeds, grass, or brushfarms, 2017	9,399	39,834	25,225	49,212
.....farms, 2012	10,869	42,737	27,317	53,988
.....acres, 2017	3,775,387	21,577,782	11,410,837	22,540,781
.....acres, 2012	3,743,665	21,526,174	11,309,277	23,200,379
Nematodesfarms, 2017	481	4,777	2,377	5,588
.....farms, 2012	887	3,957	2,210	4,353
.....acres, 2017	293,632	1,595,798	836,056	1,659,332
.....acres, 2012	331,325	1,149,489	667,152	1,045,726
Diseases in crops and orchardsfarms, 2017	1,511	6,811	4,359	7,187
.....farms, 2012	1,791	5,241	2,650	5,302
.....acres, 2017	1,050,024	3,062,971	1,477,355	2,926,494
.....acres, 2012	919,710	1,733,188	720,191	1,702,624
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2017	571	562	413	266
.....farms, 2012	752	542	495	352
.....acres on which used, 2017	273,772	93,147	41,369	19,162
.....acres on which used, 2012	287,909	50,358	25,882	13,981

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

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

Item	Kansas	Kentucky	Louisiana	Maine	Maryland	
Commercial fertilizer, lime, and soil conditioners	farms, 2017	31,867	31,147	10,509	2,654	5,364
	2012	32,538	29,560	10,085	2,698	5,427
acres treated, 2017	18,112,729	4,131,093	2,817,915	216,189	992,069	
	2012	16,925,603	3,786,682	2,625,512	242,868	1,011,668
Cropland fertilized, except cropland pasture	farms, 2017	28,020	22,888	5,768	2,418	4,597
	2012	28,836	22,580	5,238	2,482	4,786
acres treated, 2017	17,119,672	3,330,254	2,435,495	209,357	962,612	
	2012	15,909,606	3,096,038	2,276,020	237,734	982,075
Pastureland and rangeland fertilized	farms, 2017	7,487	15,494	5,720	421	1,465
	2012	7,736	13,741	5,673	389	1,453
acres treated, 2017	993,057	800,839	382,420	6,832	29,457	
	2012	1,015,997	690,644	349,492	5,134	29,593
Manure	farms, 2017	4,766	10,299	1,736	1,797	2,654
	2012	4,582	9,167	1,664	1,746	2,634
acres treated, 2017	603,484	406,657	137,112	74,943	204,028	
	2012	570,047	376,121	145,776	75,208	208,568
Organic fertilizer (see text)	farms, 2017	616	1,510	621	610	416
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	120,340	56,743	58,923	7,181	16,497	
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
	Insects	farms, 2017	10,499	7,494	4,171	1,038
2012	9,626	9,412	4,798	1,687	2,574	
	acres, 2017	4,903,052	2,234,786	2,419,316	111,751	612,496
2012	3,462,433	1,758,021	2,222,104	141,903	581,377	
	Weeds, grass, or brush	farms, 2017	28,650	17,215	7,642	962
2012	32,857	19,983	8,459	1,849	4,799	
	acres, 2017	21,736,980	3,748,243	3,157,610	165,095	1,130,176
2012	21,834,196	3,451,620	3,087,652	210,182	1,086,600	
	Nematodes	farms, 2017	865	843	399	120
2012	838	1,045	592	413	382	
	acres, 2017	258,451	322,990	248,249	7,803	62,787
2012	247,381	188,864	236,018	37,580	43,457	
	Diseases in crops and orchards	farms, 2017	4,309	2,937	1,682	641
2012		4,292	2,573	1,966	924	873
acres, 2017	2,373,100	1,020,849	1,183,671	93,002	219,379	
	2012	2,026,089	397,006	1,161,858	97,016	140,305
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2017	425	854	1,096	248	161
	2012	386	1,712	1,313	341	254
acres on which used, 2017	134,339	57,507	837,919	39,118	15,455	
	2012	61,841	44,358	695,807	40,041	24,543
Item	Massachusetts	Michigan	Minnesota	Mississippi	Missouri	
Commercial fertilizer, lime, and soil conditioners	farms, 2017	2,753	22,234	37,969	15,043	45,522
	2012	2,751	23,463	41,374	14,168	44,084
acres treated, 2017	88,586	5,515,923	14,641,179	3,109,960	10,690,562	
	2012	86,121	5,396,912	14,897,415	3,089,983	9,809,442
Cropland fertilized, except cropland pasture	farms, 2017	2,439	21,119	37,001	8,002	30,933
	2012	2,500	22,516	40,569	7,597	30,826
acres treated, 2017	81,642	5,476,783	14,550,746	2,556,310	8,246,267	
	2012	80,751	5,351,495	14,793,140	2,590,363	7,672,794
Pastureland and rangeland fertilized	farms, 2017	506	2,255	2,636	8,419	24,483
	2012	422	2,313	2,787	8,419	22,775
acres treated, 2017	6,944	39,140	90,433	553,650	2,444,295	
	2012	5,370	45,417	104,275	499,620	2,136,648
Manure	farms, 2017	1,281	9,687	16,229	3,596	10,287
	2012	1,155	9,149	16,582	3,779	8,753
acres treated, 2017	25,651	825,365	1,690,674	382,846	777,004	
	2012	24,374	761,437	1,580,164	380,456	648,298
Organic fertilizer (see text)	farms, 2017	522	1,401	1,123	911	1,744
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	4,490	82,256	139,319	55,853	163,405	
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
	Insects	farms, 2017	1,141	8,158	18,339	4,580
2012	1,775	11,136	19,634	5,637	10,733	
	acres, 2017	34,823	2,171,602	7,867,716	2,891,626	4,816,682
2012	44,407	2,218,992	6,294,083	2,425,471	3,454,842	
	Weeds, grass, or brush	farms, 2017	1,074	17,875	34,699	10,183
2012	1,873	21,713	41,571	11,118	31,847	
	acres, 2017	45,819	5,919,857	18,000,973	3,950,419	10,652,295
2012	58,478	5,767,291	17,838,092	3,780,101	9,957,304	
	Nematodes	farms, 2017	120	1,573	2,707	432
2012	333	2,441	3,526	852	1,563	
	acres, 2017	3,437	407,101	786,555	190,521	819,629
2012	15,359	376,530	795,308	319,154	512,511	
	Diseases in crops and orchards	farms, 2017	707	4,573	4,417	1,254
2012		921	5,141	4,652	1,578	2,580
acres, 2017	20,774	944,112	2,183,439	963,191	1,428,334	
	2012	28,054	781,472	1,795,593	709,504	703,820
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2017	194	1,490	655	1,052	744
	2012	240	1,893	675	1,038	916
acres on which used, 2017	4,345	281,266	182,352	912,209	333,904	
	2012	10,086	230,525	160,997	548,525	381,534

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

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

Item	Montana	Nebraska	Nevada	New Hampshire	New Jersey	
Commercial fertilizer, lime, and soil conditioners	farms, 2017	9,890	27,467	916	1,405	3,836
	2012	9,667	28,783	997	1,320	3,718
acres treated, 2017	7,585,268	15,180,440	273,725	48,955	302,529	
	2012	7,608,547	14,811,337	281,399	45,574	308,534
Cropland fertilized, except cropland pasture	farms, 2017	8,678	25,846	766	1,136	3,313
	2012	8,650	27,312	863	1,141	3,318
acres treated, 2017	7,292,651	14,708,926	241,838	43,395	291,655	
	2012	7,146,316	14,243,457	251,174	41,823	298,269
Pastureland and rangeland fertilized	farms, 2017	2,033	4,234	205	419	782
	2012	1,752	4,551	223	312	730
acres treated, 2017	292,617	471,514	31,887	5,560	10,874	
	2012	462,231	567,880	30,225	3,751	10,265
Manure	farms, 2017	3,221	6,243	517	874	1,272
	2012	2,429	5,977	420	876	1,240
acres treated, 2017	232,830	629,424	70,208	24,835	29,735	
	2012	182,819	557,693	31,035	27,896	29,436
Organic fertilizer (see text)	farms, 2017	354	544	112	275	289
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	50,866	88,194	11,746	2,599	5,090	
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--	farms, 2017	1,707	10,660	278	339	1,425
	2012	1,595	11,484	375	592	2,032
Insects	acres, 2017	983,167	6,272,912	115,703	4,629	147,844
	2012	677,931	5,513,780	140,072	7,192	146,204
Weeds, grass, or brush	farms, 2017	9,669	26,638	781	375	2,222
	2012	10,440	29,502	952	733	3,091
acres, 2017	10,671,073	18,529,890	257,744	16,142	288,226	
	2012	9,850,643	17,616,379	244,067	20,301	300,039
Nematodes	farms, 2017	113	1,739	11	33	156
	2012	178	1,786	41	119	395
acres, 2017	77,559	727,147	1,879	424	21,915	
	2012	75,477	618,211	13,194	(D)	22,651
Diseases in crops and orchards	farms, 2017	1,126	4,169	22	229	814
	2012	1,105	3,771	70	324	1,018
acres, 2017	1,072,320	2,152,678	3,251	2,600	75,186	
	2012	944,792	1,710,715	7,696	3,782	65,795
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2017	563	265	9	68	145
	2012	258	192	38	88	305
acres on which used, 2017	352,712	84,633	2,936	1,150	5,106	
	2012	68,782	45,784	4,759	2,075	17,037
Item	New Mexico	New York	North Carolina	North Dakota	Ohio	
Commercial fertilizer, lime, and soil conditioners	farms, 2017	4,423	12,507	23,908	13,247	37,222
	2012	4,669	13,683	24,410	14,427	35,759
acres treated, 2017	606,451	2,069,088	3,506,280	17,819,095	7,542,866	
	2012	569,884	2,174,462	3,488,942	17,482,867	7,587,961
Cropland fertilized, except cropland pasture	farms, 2017	3,688	11,653	17,118	12,929	34,434
	2012	4,076	13,025	17,813	14,158	33,673
acres treated, 2017	530,726	2,023,376	3,138,269	17,737,072	7,410,507	
	2012	477,226	2,132,435	3,145,099	17,364,266	7,460,338
Pastureland and rangeland fertilized	farms, 2017	967	1,851	10,981	610	5,970
	2012	911	1,723	10,805	605	5,322
acres treated, 2017	75,725	45,712	368,011	82,023	132,359	
	2012	92,658	42,027	343,843	118,601	127,623
Manure	farms, 2017	1,804	9,553	7,859	3,219	18,466
	2012	1,763	8,902	7,427	2,725	15,886
acres treated, 2017	92,048	956,247	464,447	262,448	920,816	
	2012	96,789	970,813	449,093	243,847	820,223
Organic fertilizer (see text)	farms, 2017	525	1,352	1,626	114	1,858
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	14,459	59,089	64,383	39,646	95,311	
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--	farms, 2017	1,842	4,480	8,007	4,697	11,059
	2012	2,278	7,007	10,652	5,477	12,878
Insects	acres, 2017	295,601	722,397	2,712,981	5,304,802	2,746,661
	2012	252,685	823,419	2,350,771	5,297,112	2,657,942
Weeds, grass, or brush	farms, 2017	2,742	8,379	16,380	13,407	30,000
	2012	3,454	11,942	19,535	15,682	32,352
acres, 2017	768,068	1,754,911	3,944,774	22,307,700	8,723,387	
	2012	796,059	1,909,800	3,776,603	21,732,164	8,651,641
Nematodes	farms, 2017	126	436	1,864	467	1,699
	2012	523	1,056	2,531	358	1,867
acres, 2017	25,600	63,374	573,559	455,878	317,088	
	2012	53,322	81,518	627,543	304,453	331,083
Diseases in crops and orchards	farms, 2017	305	2,550	2,882	3,510	4,228
	2012	703	3,141	3,582	4,246	3,672
acres, 2017	23,410	245,365	767,734	4,478,478	827,096	
	2012	34,568	224,993	670,001	4,926,836	554,151
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2017	244	735	1,416	1,022	557
	2012	602	1,066	2,132	1,018	834
acres on which used, 2017	44,729	79,934	450,810	862,956	20,497	
	2012	62,657	91,399	620,800	702,227	49,774

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

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

Item	Oklahoma	Oregon	Pennsylvania	Rhode Island	South Carolina	
Commercial fertilizer, lime, and soil conditioners	farms, 2017	26,813	13,754	24,936	469	11,332
	2012	24,519	13,093	26,149	494	10,097
acres treated, 2017	7,868,321	2,363,483	2,578,179	10,859	1,442,995	
	2012	7,285,757	2,326,669	2,612,426	13,974	1,350,452
Cropland fertilized, except cropland pasture	farms, 2017	15,223	10,334	22,610	420	7,062
	2012	14,127	10,115	24,298	401	6,731
acres treated, 2017	5,365,656	2,141,678	2,462,815	10,061	1,219,429	
	2012	5,227,497	2,152,294	2,496,340	13,028	1,163,519
Pastureland and rangeland fertilized	farms, 2017	16,134	4,826	6,336	97	5,757
	2012	14,227	4,472	6,524	123	4,939
acres treated, 2017	2,502,665	221,805	115,364	798	223,566	
	2012	2,058,260	174,375	116,086	946	186,933
Manure	farms, 2017	3,716	4,564	19,756	174	3,279
	2012	3,227	3,891	19,373	226	3,115
acres treated, 2017	325,873	172,659	1,248,105	2,957	235,991	
	2012	308,888	131,418	1,248,975	2,424	264,113
Organic fertilizer (see text)	farms, 2017	1,228	1,555	1,736	87	745
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	94,472	59,612	65,029	499	29,962	
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
	Insects	farms, 2017	7,149	4,456	9,772	182
2012	5,513	5,070	12,158	264	4,384	
	acres, 2017	2,574,970	780,023	932,802	4,625	1,089,759
2012	1,448,346	719,308	1,000,265	7,387	815,337	
	Weeds, grass, or brush	farms, 2017	25,735	11,749	19,048	175
2012	26,967	13,207	23,669	313	8,135	
	acres, 2017	8,799,347	2,685,756	2,353,564	5,570	1,434,252
2012	8,704,833	2,558,077	2,354,445	10,645	1,367,766	
	Nematodes	farms, 2017	274	573	726	14
2012	373	758	1,552	69	1,272	
	acres, 2017	93,261	115,179	81,233	865	264,619
2012	79,376	122,141	88,584	1,780	364,138	
	Diseases in crops and orchards	farms, 2017	1,656	3,553	4,133	104
2012		1,351	3,776	4,234	149	1,484
acres, 2017	735,518	830,167	233,847	2,355	368,209	
	2012	477,243	696,611	198,642	(D)	319,570
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2017	821	1,083	941	17	677
	2012	924	1,446	1,538	39	902
acres on which used, 2017	411,939	228,762	39,913	438	250,345	
	2012	134,371	182,323	49,008	(D)	258,308
Item	South Dakota	Tennessee	Texas	Utah	Vermont	
Commercial fertilizer, lime, and soil conditioners	farms, 2017	15,535	31,405	74,658	6,367	2,008
	2012	15,887	26,822	75,746	6,052	2,058
acres treated, 2017	11,331,760	3,693,096	17,752,116	632,555	209,352	
	2012	11,331,665	3,488,191	16,670,293	661,403	198,600
Cropland fertilized, except cropland pasture	farms, 2017	14,741	20,367	42,402	5,118	1,807
	2012	15,258	17,153	44,745	5,125	1,887
acres treated, 2017	10,915,222	2,778,016	13,689,850	564,805	198,928	
	2012	11,011,024	2,685,107	12,568,753	591,597	189,025
Pastureland and rangeland fertilized	farms, 2017	2,506	18,290	41,440	2,044	405
	2012	2,383	15,782	40,262	1,676	399
acres treated, 2017	416,538	915,080	4,062,266	67,750	10,424	
	2012	320,641	803,084	4,101,540	69,806	9,575
Manure	farms, 2017	5,223	6,537	12,456	3,094	1,914
	2012	4,699	5,589	10,644	2,724	1,932
acres treated, 2017	517,263	234,565	1,283,414	143,048	196,114	
	2012	446,380	196,050	1,061,624	111,886	211,664
Organic fertilizer (see text)	farms, 2017	209	1,546	4,066	529	545
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	42,495	77,232	315,233	28,258	13,290	
	2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--						
	Insects	farms, 2017	4,984	5,583	20,715	2,523
2012	6,217	5,918	22,179	2,930	766	
	acres, 2017	3,460,526	1,910,918	7,602,727	349,542	18,760
2012	3,397,964	1,336,922	6,506,975	340,370	28,278	
	Weeds, grass, or brush	farms, 2017	15,482	18,861	62,265	4,735
2012	17,410	18,310	67,918	5,163	1,281	
	acres, 2017	15,562,274	3,564,799	20,096,246	589,417	96,667
2012	14,827,322	2,893,835	20,007,797	699,833	103,502	
	Nematodes	farms, 2017	579	641	1,287	97
2012	634	1,006	3,774	182	156	
	acres, 2017	248,283	178,427	532,425	5,944	3,864
2012	240,615	135,351	1,260,084	9,417	2,938	
	Diseases in crops and orchards	farms, 2017	1,237	2,094	3,759	291
2012		1,546	1,770	4,314	406	411
acres, 2017	760,312	766,299	1,409,669	26,681	8,033	
	2012	1,033,389	421,438	1,062,998	13,771	5,585
Chemicals used to control growth, thin fruit, ripen, or defoliate	farms, 2017	134	754	5,013	158	55
	2012	83	1,548	6,495	208	96
acres on which used, 2017	54,675	344,328	3,945,347	10,638	2,186	
	2012	19,443	356,975	2,851,621	17,532	3,175

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

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

Item	Virginia	Washington	West Virginia	Wisconsin	Wyoming
Commercial fertilizer, lime, and soil conditionersfarms, 2017	19,007	12,102	6,823	33,535	2,994
2012	18,826	12,017	6,055	36,298	2,835
acres treated, 2017	2,034,901	3,777,611	319,697	7,042,697	789,395
2012	1,920,603	3,547,373	282,472	7,148,156	737,658
Cropland fertilized, except cropland pasturefarms, 2017	14,651	9,697	5,475	32,283	2,402
2012	14,400	10,098	4,895	35,346	2,438
acres treated, 2017	1,619,288	3,701,857	225,465	6,931,757	613,061
2012	1,509,409	3,479,796	194,856	7,013,126	631,390
Pastureland and rangeland fertilizedfarms, 2017	8,556	3,212	2,869	3,885	881
2012	8,630	2,677	2,494	4,335	707
acres treated, 2017	415,613	75,754	94,232	110,940	176,334
2012	411,194	67,577	87,616	135,030	106,268
Manurefarms, 2017	6,505	4,865	4,210	20,254	1,546
2012	6,318	4,167	3,545	21,062	1,044
acres treated, 2017	366,217	197,727	148,405	1,904,714	187,893
2012	363,237	215,683	124,671	1,950,883	96,908
Organic fertilizer (see text)farms, 2017	1,151	1,614	494	1,875	139
2012	(NA)	(NA)	(NA)	(NA)	(NA)
acres treated, 2017	49,087	73,978	11,398	144,024	12,835
2012	(NA)	(NA)	(NA)	(NA)	(NA)
Acres treated to control--					
Insectsfarms, 2017	3,921	4,854	738	9,003	882
2012	5,003	6,052	1,074	14,904	1,041
acres, 2017	850,995	1,491,976	30,609	1,910,264	283,836
2012	786,176	1,289,791	30,211	2,667,175	215,211
Weeds, grass, or brushfarms, 2017	10,341	10,767	2,510	28,111	2,821
2012	12,129	13,002	3,072	34,321	2,825
acres, 2017	1,581,538	4,739,126	133,710	6,795,580	832,477
2012	1,514,896	4,469,109	140,455	6,714,970	676,412
Nematodesfarms, 2017	671	785	54	1,488	38
2012	783	1,081	188	2,275	43
acres, 2017	170,141	250,288	2,994	272,400	7,376
2012	131,121	348,374	4,028	346,553	10,433
Diseases in crops and orchardsfarms, 2017	1,806	4,004	381	3,197	146
2012	1,855	4,312	483	3,413	87
acres, 2017	324,543	1,907,104	9,465	518,906	47,148
2012	245,417	1,613,635	8,101	470,488	20,406
Chemicals used to control growth, thin fruit, ripen, or defoliatefarms, 2017	586	1,771	119	619	71
2012	886	2,560	185	786	33
acres on which used, 2017	110,330	353,313	2,424	101,630	21,465
2012	129,075	389,684	5,516	86,791	5,423