

2016 Statewide usage by treatment type

- Animal
- Birds
- Corn,Field & Forage
- Biocides/Disinfectants
- Golf Course
- Forestry
- Lawncare & Ornamentals
- Highway & Railway
- Mosquitoes
- Greenhouse/Nursery
- Aquatic
- General Pest Control
- Utilities and Wood
- Produce Production



2016 Use by active ingredient (pounds)

Active ingredients	pounds
(S)-Hydroprene	10.624
(S)-Methoprene	0.234
(Z)-9-Tricosene	0.001
1,3-dichloro-5,5-dimethylhydantoin	59.028
1,3-dichloro-5-ethyl-5-methylhydantoin	32.476
1-bromo-3-chloro-5,5-dimethylhydantoin	110.704
2,2-Dibromo-3-nitrilopropionamide	47853.104
2,4-D	4568.040
2,4-DP	4.080
2-Bromo-2-nitropropane-1,3-diol	2120.140
2-Methyl-4-isothiazolin-3-one	436.596
2-Phenethyl Propionate	15.059
5-Chloro-2-methyl-4-isothiazolin-3-one	1236.247
Abamectin	0.082
Acephate	19.587
Acetamiprid	13.587
Acetic Acid-Ethanoic Acid	171.875
Acetochlor	17359.640
Acibenzolar-S-methyl	4.304
Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium chloride	0.037
Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chloride	10.883
Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride	10.883
Aluminum tris	466.400
Aminocyclopyrachlor	232.288
Aminopyralid	12.898
Ammoniated soap of fatty acids	2.750
Ammonium nonanoate	7.920
Amorphous Silica	7.149
Amorphous Silica Dioxide	0.345
Ancymidol	0.000
Atrazine	96346.518
Azadirachtin	0.034
Azoxystrobin	112.112
Bacillus popilliae	0.009
Bacillus subtilis	3.022
Bacillus thuringiensis subsp. Israelensis	0.187
Bacillus thuringiensis subsp. Kurstaki	2.708
Beauveria bassiana	0.002
Benefin	0.860
Bensulide	2.400
Bentazon	160.000

2016 Use by active ingredient

2016 Use by active ingredient (pounds)

Benzovindiflupyr	0.830
Bicyclopyrone	1099.354
Bifenazate	3.112
Bifenthrin	608.534
Borax	31083.795
Boric acid	0.533
Boscalid	117.701
Brodifacoum	0.209
Bromacil	2.744
Bromadiolone	0.521
Bromethalin	0.002
Captan	228.542
Carbaryl	113.275
Carbendazim	0.006
Carfentrazone	18.789
Cedar oil	9.925
Chlorantraniliprole	63.305
Chlorfenapyr	95.879
Chlorimuron ethyl	0.488
Chloroneb	39.939
Chlorophacinone	0.012
Chlorothalonil	13923.028
Chlorpyrifos	48.824
Chlorsulfuron	0.829
Cholecalciferol	0.043
Citric Acid	31.250
Clethodim	111.290
Clomazone	25.140
Clopyralid	700.923
Clothianidin	4.967
Copper	2.565
Copper 8-quinolinolate	2.019
Copper Carbonate	1218.790
Copper ethanolamine complex	11.396
Copper Hydroxide	54.173
Copper Naphthenate	269.676
Copper Octanoate	0.100
Copper Oxychloride	6.091
Copper Sulfate	28.400
Cyflumetofen	17.255
Cyfluthrin	179.106
Cyhalothrin	0.003

2016 Use by active ingredient

2016 Use by active ingredient (pounds)

Cypermethrin	29.591
Cyprodinil	4.688
	756101.43
Dazomet	6
Debacarb	0.034
Deltamethrin	174.772
Dicamba	8621.233
Dichlobenil	27.855
Dichlorprop	0.135
Dichlorvos	15.326
Dicrotophos (Bidrin)	0.041
Didecyl dimethyl ammonium chloride	1.097
Difethialone	0.146
Diflufenzopyr	13.080
Dimethenamid	1591.920
Dinotefuran	20.448
Diocetyl dimethyl ammonium chloride	0.014
Diphacinone	0.019
Diphenylamine	10.989
Diquat	17.939
Disodium Octaborate	347.940
Disodium Octaborate Tetrahydrate	996.221
Dithiopyr	629.562
Diuron	34.221
d-Limonene	175.000
DRC-1339	0.200
d-trans Allethrin	0.145
Emamectin Benzoate	0.571
Esfenvalerate	2.621
Ethalfluralin	80.448
Ethephon	296.260
Ethofumesate	70.000
Etofenprox	2.359
Etridiazole	0.094
Eugenol	11.883
Extract of Reynoutria sachalinensis	2.000
Fenoxaprop-ethyl	0.912
Fenpropathrin	0.600
Fenvalerate	1.110
Fipronil	176.171
Florasulam	0.025
Fluazinam	282.839
Fludioxonil	49.581

2016 Use by active ingredient

2016 Use by active ingredient (pounds)

Flumetsulam	221.419
Fluoxastrobin	1.575
Fluridone	53.760
Fluroxypyr	79.347
Flurprimidol	221.719
Flutolanil	14.700
Fluxapyroxad	107.763
Fomesafen	141.582
Fosamine	484.720
Garlic	6206.430
Geraniol	8.810
Glutaraldehyde	1305.875
Glyphosate	43613.137
Halosulfuron-methyl	1357.704
Hydramethylnon	0.045
Hydrogen dioxide	57.960
Hydrogen peroxide	41.585
Imazapic	23.183
Imazapyr	235.329
Imidacloprid	3382.113
Indaziflam	101.853
Indoxacarb	14.953
Iprodione	3864.030
Iron HEDTA	140.556
Isopropyl Alcohol	573.373
Isoxaben	12.733
Kaolin	166.250
kresoxim-methyl	1.250
Lambda-cyhalothrin	174.367
Linalool	11.100
Malathion	5.114
Mancozeb	1807.410
Maneb	758.720
MCPA	333.436
Mecoprop	540.470
Mefenoxam	36.894
Mefluidide	9.180
Mesotrione	6667.755
Metam-Sodium	2171.100
Metarhizium anisopliae strain 5	3.575
Metconazole	31.319
Methomyl	0.011

2016 Use by active ingredient

2016 Use by active ingredient (pounds)

methylene bis(thiocyanate)	17603.000
Methylisothiocyanate	724.794
Metiram	172.000
Metofluthrin	0.001
Metolachlor	89352.588
Metribuzin	22.500
Metsulfuron methyl	74.107
Mineral oil	5464.445
Monosodium methanearsonate	13.026
Myclobutanil	23.218
N-Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium chloride	0.879
N-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chloride	46039.033
Naphthalene	4.204
N-Dialkyl (60% C14, 30% C16, 5% C12, 5% C18) methyl benzyl ammonium chloride	301.996
Neem Oil	109.528
Nicarbazin	25.030
Nicosulfuron	141.859
N-Octyl bicycloheptene dicarboximide	70.699
Noviflumuron	0.013
Octyl decyl dimethyl ammonium chloride	0.029
Orthoboric Acid	115.092
Oryzalin	14.800
Paclobutrazol	112.407
Paraquat	34.108
Pelargonic acid	0.080
Pendimethalin	3602.352
Penoxsulam	1.812
Pentachloronitrobenzene	124.920
Peppermint oil	42.672
Permethrin	61.609
Peroxyacetic Acid	1.668
Phenothrin	2.778
Phosmet	26.565
Phosphorous acid	83.988
Picoxystrobin	70.096
Piperonyl butoxide	130.755
Poly [oxyethylene (dimethyliminio) ethylene (dimethyliminio) ethylene dichloride]	165.450
Polyoxorim	2.441
Potassium bicarbonate	9.095
Potassium salts of fatty acids	6.769
Potassium Sorbate	12.500
Prallethrin	0.441

2016 Use by active ingredient

2016 Use by active ingredient (pounds)

Primisulfuron-methyl	21.653
Prodiamine	779.421
Prometon	1.600
Propamocarb hydrochloride	62.160
Propiconazole	714.899
Propoxur	0.031
Prosulfuron	12.701
Pymetrozine	0.035
Pyraclostrobin	284.456
Pyraflufen ethyl	0.150
Pyrethrins	29.600
Pyridalyl	0.005
Pyriproxyfen	3.358
Pyroxasulfone	3.825
Quinclorac	167.479
Rimsulfuron	668.141
Rosemary oil	217.441
Saflufenacil	799.625
Sethoxydim	16.810
Siduron	12.285
Silicon Dioxide	3.338
Simazine	6281.950
S-methoprene	0.015
Sodium bromide	614.235
Sodium bromosulfamate	5679.000
Sodium chlorosulfamate	5679.000
	153921.29
Sodium hypochlorite	5
Spinosad	5.545
Spiromesifen	0.340
Sulfentrazone	8.706
Sulfometuron methyl	64.726
Sulfosulfuron	0.750
Sulfur	25.791
Tau-fluvalinate	0.014
Tebuconazole	1263.285
Tembotrione	212.861
Tetrakis(hydroxymethyl) phosphonium sulfate	11.330
Tetramethrin	0.044
TFM	117.440
Thiabendazole Hypophosphite	3.717
Thiamethoxam	8.520
Thiencarbazone methyl	42.129

2016 Use by active ingredient

2016 Use by active ingredient (pounds)

Thifensulfuron methyl	108.167
Thiophanate-methyl	1374.826
Thiophanate-Methyl, Dimethyl	4.675
Thiram	40.435
Thyme oil	16.445
Topramezone	0.610
Triadimefon	295.632
Tribenuron-methyl	1.284
Trichlorfon	397.789
Trichloro-s-triazinetrione	185.846
Triclopyr	5370.690
Trifloxystrobin	94.616
Trifluralin	6.790
Trinexapac-ethyl	142.444
Triticonazole	14.542
Tropamezone	5.600
Uniconazole-P	0.000
Vinclozolin	192.853
Z-9-Tricosene	0.068
Zeta-cypermethrin	0.505
Zinc ion and manganese ethylenebisdithiocarbamate	0.094
Zinc phosphide	1.218
Grand Total	1417054

2016	_not specifed	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
Rosemary oil	21.0394						0.0657								0.0006
Silicon Dioxide	3.3375225														
S-methoprene	0.01476														
Sulfur	16.2568		0.56												
Tau-fluvalinate	0.014														
Tebuconazole			0.432												
Tetramethrin	0.0442														
Thiamethoxam	1.6695274		0.000016												
Thyme oil	16.4445														
Z-9-Tricosene	0.067801														
Zeta-cypermethrin	0.169375				0.00001875										
Zinc phosphide	0.01812														
Golf Courses		531.345605	4009.498159	470.91133	3424.151839		508.3468341	146.317	1323.468919	664.87192	1712.79051	5041.157108	2152.948139	4798.062499	9068.016643
2,4-D			67.8994	8.14	78.4738		49.1	45.98	75.5905	8.8242	98.0124	60.043616	40.3128	28.552	33.5806
Acibenzolar-S-methyl		0.24	1.49838		0.2208				0.156		0.036	0.78	0.19632	0.144	1.032
Aluminum tris			176												290.4
Azoxystrobin		6	14.342		3.602		0.521		0.5	2	1.35	0.527	0.186	6.4724	9
Bensulide															2.4
Bifenthrin		2.863875	2.7426475	1.46073	8.4467337		1.38301006		9.414689	3.87527	2.2933598	8.71108045	5.5648633	10.7218986	34.046745
Boscalid			34.63936		19.747				4.648			24.164	2.156		25.396
Carbaryl			16									10			
Carfentrazone			2.26	0.0228	0.995		0.171		2.299	0.275	1.71975	2.76355	4.7174		0.8684
Chlorantraniliprole			15.917271	2.2378	5.78075				0.35	0.835	3.351	0.3006	4.5995	0.3674	0.835
Chloroneb				2.934	9.78				15				11.247		
Chlorothalonil		317	2351.6415	306	1748.58		246.18	47.04	361.50475	440	788.1375	1930.162	793.6435	1538.097	2434.85
Chlorpyrifos			0.1		1.875		4.068424	3.015	0.33768						
Clopyralid			0.9375	1.875			2.84						4.8075	3.585	8.3165
Clothianidin					2.6										
Cyfluthrin															0.71
Dicamba			12.0422	1.53	9.0029		5.26		8.516	0.9374	12.3692	6.576	4.2497	5.901	3.9858
Diquat											0.0075				
Dithiopyr			35.502	9.43	26.1913				6.25	14.3875	1	8.993395	20.757576	11.09	84.3
Ethephon		20	109.26		32.4		6.8		6		15.3	70	13.9	22.6	
Fipronil					0.00025		0.7624							1.648	
Fluazinam		16.0545		75.9774	38.08044					14.28225		45.453	24.603	22.518	45.87
Fludioxonil		7.865	12.87913	3.025	6.19164				1.8755	3.63	1.452	3.6542	1.21	2.959	4.84
Fluoxastrobin					0.796								0.5174		
Fluroxypyr												1.4466276			
Flurprimidol		24.442	31.928	1.276	12.636				23.972			25.753	13.13	9.102	79.479848
Flutolanil		8.4			6.3										
Fluxapyroxad					13.8151				1.39			22.54	19.2716		8.7347
Glyphosate					3.2812				4		0.5825			0.6237	16
Hydrogen dioxide							57.96								
Imidacloprid		6.68	16.32		13.250625				24.8775		7.96	17.6325	22.06	2253.15	33.6175
Indoxacarb			9										1.1175	0.825	
Iprodione		36.54103	461.475		367.765		91.67	8.075	196.165	105	353.446	799.5984	570.06978	262.4859	611.6316
Isoxaben			11.25												
Lambda-cyhalothrin			3.15568												
Mancozeb					135				18			86.8	18	107.2	1408
Maneb					300				98				239.84		120.88
MCPA												18			
Mecoprop			20.8954	5.14	28.667		6.93		15.477	3.3003	33.368	13.788	16.2854	15.98	11.28385
Mefenoxam			11.92				0.5								24
Mefluidide												1.5			7.68
Mesotrione									1.32						
Metconazole			0.665									10			
Mineral oil			88		196							882			2695
Myclobutanil												0.0992			
Neem Oil												109.2			

2016	_not specified	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
Paclobutrazol		0.25	33.68		1.6				22.04		22.2805		19.68		
Pendimethalin			3.8		6.6				96.862						6.46
Penoxsulam											0.272				
Pentachloronitrobenzene				16.17				27			8	3.75		30	40
Polyoxorim												2.4408			
Prodiamine			18.6875											0.1575	
Propamocarb hydrochloride												12		49.2	
Propiconazole		32.344	100.07785	11.75	87.2808		5.288	2.882	17.475	55.095	49.77	113.189	27.627	19.01	35.18
Pyraclostrobin			49.80384		15.742		2.496		33.8008		3.3808	17.656	11.7146	7.08	13.8174
Quinclorac			0.015		13.95				18.54			4.125	2.25	6	49.005
Sethoxydim									2.81						
Siduron														6.3	
Spinosad														1.5	4
Sulfentrazone									3.585						
Tebuconazole			45.1175	10	67.419		5.727		114.9		6.6	440.52	169.048	103.32	298.826
Thiamethoxam			6.75												
Thiophanate-methyl			141.125	1.467	68.6825		16.89	12.325	102.785		244.75	133.3856584	51.7765	235.288	348.25
Thiophanate-Methyl, Dimethyl													4.675		
Triadimefon		35.4	8.689	2	40.67				21.7875			136.1615			37.35
Trichlorfon			18.6												87.5
Triclopyr									8.875			4.3521804		3.825	22.5
Trifloxystrobin		0.65	13.445	10	5.2		1.3		3.365		0.832	17.6228	26.7257		12.5372
Trinexapac-ethyl		11.7902	39.751	0.4756	3.4		2.5		1	4.43	2.47	9.218	7.0085	19.3222	41.0785
Triticonazole		4.5	7.311		0.129						0.86				0.774
Vinclozolin			14.375		44						47.44			13.0375	74
Zeta-cypermethrin		0.325													
Greenhouse/Nursery		5.1473865	30.48796	0.0012	17.30670752					4.73775	33.125				
Abamectin					0.00075										
Acephate		0.00376													
Ancymidol					0.00002112										
Azadirachtin		0.0057													
Bacillus subtilis					0.134										
Bacillus thuringiensis subsp. Kurstaki					0.0075										
Beauveria bassiana					0.00198										
Bifenthrin		0.01		0.0012						0.004					
Boscalid					0.0020224										
Chlorfenapyr					0.22										
Chlorothalonil												30			
Cyfluthrin		0.009672													
Diquat			0.00138												
Etridiazole		0.09375													
Glyphosate			15.68658							2.64					
Imidacloprid		0.046372			0.109										
Malathion												3.125			
Mineral oil					5.7652										
Myclobutanil		0.05													
Oryzalin			14.8												
Permethrin		0.0256													
Potassium bicarbonate					9.095										
Potassium salts of fatty acids		4.7462			1.634										
Pymetrozine					0.035										
Pyraclostrobin					0.001024										
Pyridalyl					0.00455										
Pyriproxyfen					0.00516										
Spinosad					0.03										
Thiamethoxam					0.1										
Thiophanate-methyl		0.15625			0.155										
Triadimefon					0.0065										
Triclopyr															

2016	_not specified	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
Uniconazole-P		0.0000825													
Zinc ion and manganese ethylenebisdithiocarbamate										0.09375					
Highway & Railway		195.11865	220.97325	287.422	280.186	87.008	229.6462	7.934		201.58525	144.6111	479.3921	199.77425	250.5526	393.6
Aminocyclopyrachlor		10.76875	12.73875	20.145	19.265	7	41.6735	0.6		13.95375	13.4695	37.1695	12.84375	16.352	24.835
Aminopyralid															0.016
Glyphosate		176.208	193.12	252	248	76	178	7		177.6	121	414	179	171	318.2
Indaziflam		4.7261	5.511	8.851	9.519	4.008	8.8009	0.334		6.346	5.845	16.366	6.513	8.183	12.191
Metsulfuron methyl		3.3303	4.0635	6.426	3.402		1.1718			3.6855	4.2966	11.8566	1.4175	2.2176	4.158
Mineral oil															29.4
Sulfometuron methyl		0.0855													
Triclopyr			5.54											52.8	4.8
Lawn Care & Ornamentals	7358.71216	240.4521736	3009.895959	135.10598	2249.648476	18.684	150.9066	28.8938625	61.464355	62.1130916	134.6332	1044.530982	182.3207625	522.0457035	2604.024381
2,4-D	0.1536	86.424344	1041.309302	44.112	491.84382		55.93132	9.66584	8.96434	17.7862	6.525	317.71084	61.21368	93.676698	564.62196
Abamectin			0.0141		0.0333							0.003		0.0135	0.0078
Acephate			17.532											1.461	0.590244
Acetamiprid															0.0399
Acetic Acid-Ethanoic Acid	171.875														
Ammoniated soap of fatty acids													2.75		
Ammonium nonanoate				2.31							5.61				
Azadirachtin											0.028				
Bacillus popilliae	0.009														
Benefin															0.86
Bifenazate		0.032	0.62	0.002	1.634		0.184	0.04	0.048	0.01		0.078	0.224	0.24	
Bifenthrin	0.35	0.15672	31.5139522	6.8063	9.11467		0.88155	0.1959	0.90178	0.125615	1.9007	5.327777	1.1607875	7.783096	22.176028
Boscalid			0.2366208		0.546048					0.0788736				0.161792	5.925632
Captan				0.24											
Carbaryl			14.1	0.006	40.34							8.7496			6
Carbendazim													0.00603		
Carfentrazone	0.76	0.325	0.057	0.21	0.7047		0.19								0.45
Chlorantraniliprole	2.75		5.1105	0.3674	14.874					0.05025		0.19916			5.37934
Chloroneb			0.978												
Chlorothalonil			102.642175	0.042	345.6				9.138	0.06		7.818	3	37.68	54.068
Citric Acid	31.25														
Clothianidin		0.0216	0.975		0.9855		0.1215	0.027	0.0324	0.00675			0.1485		
Copper			0.0625												
Copper Hydroxide			2.58		3.2235					0.036533				3.87	2.23496
Copper Octanoate				0.016	0.08										0.00368
Copper Oxychloride					3.573					0.040494					2.47728
Cypermethrin				0.0008											
Debacarb													0.03417		
Deltamethrin	0.006														
Dicamba	15.0484	6.638664	56.879302	7.923	104.1738		6.6799	0.8782	1.05	1.496	0.6	23.52012	5.2446	9.133468	34.431175
Dichlobenil				5.6	8						0.28				
Dichlorprop															0.135
Dicrotophos (Bidrin)													0.041		
Dimethenamid			0.375		0.525										
Dinotefuran		0.3675	1.5	0.1575	6.892					0.945				1.641	7.187
Diquat		0.4725	1.8258		1.1496				0.073			0.30514		0.3224	0.06
Dithiopyr	2.6775	7.6136	66.83645	2.624	238.474435		12.924	3.207775	3.55065	1.1875		3.543	18.928	18.086	32.0073
Diuron											34.221				
d-Limonene	175														
Emamectin Benzoate					0.5616									0.009	
Ethofumesate			70												
Fenoxaprop-ethyl					0.57										0.342
Florasulam		0.0252													
Fluoxastrobin			0.075												0.18625
Fluroxypyr		3.3654	42.0028		9.252		1.08	0.24	0.288	0.6199			3.9768	1.37106	15.70394
Garlic	6206.25														
Glyphosate	173.831	75.5305	405.7098	11.541	154.4761	0.9	7.5		7.8766	0.6	68.451	239.192	5.6	169.348	205.012

2016	_not specified	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
Halosulfuron-methyl	14.25	0.0045	0.62325		0.102					0.009		0.47325		0.05625	0.57
Hydrogen peroxide		0.4065				0.1068									
Imazapic				0.0004								0.1045		0.112	
Imazapyr		0.04									4.279			0.18	0.06
Imidacloprid		3.9956	226.0145	17.6	175.6133	17.6	9.698	2.562	3.1474	4.566	4.6	118.1995	14.0445	35.5245	148.293
Indoxacarb										0.0645		0.045			1.9782
Iprodione			0.1071												
Iron HEDTA										14.586					125.97
Isoxaben			1.125	0.102	0.25						0.0055				
Lambda-cyhalothrin	0.31816				1.489			0.108	0.036				0.1804	0.66	1.67925
Malathion				0.0048	0.04664							1.8791			
Mancozeb			11.91												
MCPA	150.29		33.896		77.812					2.964				3.1635	47.31
Mecoprop	8.36	11.0589056	88.2431	12.844	60.05735		6.3288	1.1264	1.344	2.3184	1.656	69.3669	6.1952	14.94893	85.429955
Mefenoxam			0.008		0.104					0.06				0.0016	0.3
Mesotrione		0.3	1.64				0.4						0.032		
Metarhizium anisopliae strain 5														3.575	
Mineral oil	382.2	1.3524	279.0538		126.934		4.41	0.98	15.376	3.3078		16.1894	12.49	48.7008	652.7858
Monosodium methanearsonate		12			0.45										
Myclobutanil		0.0668	5.2939		4.81795		0.37575	0.0835	0.5177	0.58784		0.695555	0.668	1.3026	8.65882
Neem Oil			0.25116	0.00063											0.07644
Orthoboric Acid															1.75
Paclobutrazol			0.076		4										8.8
Paraquat					4										
Pelargonic acid				0.08											
Pendimethalin		2	0.5		1.2							6			1
Penoxsulam		0.24			0.525					0.0775				0.015	0.6825
Permethrin			3.8278		2.1035							0.736		1.984	2.24
Peroxyacetic Acid		0.03													
Phosmet			14												
Phosphorous acid		0.02704	0.81436		1.273					1.273		0.52954	1.3412	1.56469	77.165607
Piperonyl butoxide			3.17		2.4							0.415		0.85	8.995
Potassium salts of fatty acids			0.267408		0.12175										
Potassium Sorbate	12.5														
Prallethrin				0.0004											
Prodiamine		12.8616	170.15	1.392	205.4516875		22.132	5.5514375	5.911025	5.578		127.2	26.4185	15.2	162.73
Prometon		1.6													
Propamocarb hydrochloride			0.96												
Propiconazole		1.0192	4.0625		8.8192					0.63		0.2093		0.5369	124.953
Pyraclostrobin			0.119808		0.27648					0.039936				0.08192	3.85532
Pyraflufen ethyl			0.0729135				0.044						0.004125	0.0290015	
Pyrethrins			0.317375		0.24							0.0415		0.085	0.8995
Pyriproxyfen			0.00258		0.01634										
Quinclorac		3.45	9.825	9.88125	21.713		5.025	1.31025	0.88425	0.2625	1.29375	3.15	2.8545	3.0915	10.665
Sethoxydim				5											
Siduron			3.71											2.275	
Simazine							6.24				4.88				
Spinosad														0.015	
Spiromesifen			0.084											0.016	0.24
Sulfentrazone		0.36	0.634	3.48375	0.08						0.28125		0.06	0.12372	0.0984
Sulfosulfuron		0.75													
Sulfur			0.3125		0.01							3.3			5.352
Tebuconazole					0.02								0.0096		
Thiabendazole Hypophosphite			1.242											2.475	
Thiophanate-methyl		0.06	3.4391		3.2368							0.56		0.92	1.874
Thiram			2.4		0.4512							1.584			36
Triadimefon			7.33392	2.35			0.05					0.70839		0.37503	2.75022
Trichlorfon		0.35	105.6044		12.51					1.462		62.8722		33.3342	75.5558
Triclopyr	10.8335	7.5066	159.903102		95.18698		10.76078	2.91756	2.32521	1.2835		23.6836	15.69517	5.976578	43.0298

2016	_not specifed	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
Trifloxystrobin			1.46608									0.14161		0.07497	0.54978
Trifluralin			4.5	0.408	1						0.022				0.86
Triticonazole															0.9675
Zeta-cypermethrin				0.00075	0.010225										
Zinc phosphide					0.7										
Mosquitos		12.017324			3.992009							19.3982			247.142728
2-Phenethyl Propionate															3.675
Bacillus thuringiensis subsp. Israelensis		0.004124			0.091759										0.090728
Bifenthrin					0.50025										
Cedar oil															9.925
Geraniol					1										
Peppermint oil					0.4										39.117
Permethrin		12.0132										19.3982			
Rosemary oil					2										194.335
Produce Production		161.11716	2.015	5.6012	5.04	2.25	0.195624			164.9628		317.99431		2131.018	154.24412
Acetamiprid															0.45
Azoxystrobin				0.6032						49.4208					
Bacillus subtilis														0.268	
Benzovindiflupyr												0.83			
Captan		83.85	1				0.1872					110.529			32.736
Carbaryl		18					0.00468					0.03045			0.0384
Chlorpyrifos		7.51													
Clomazone				0.19	1.2					21.25					
Copper Hydroxide												30.708			
Copper Sulfate															28.4
Cyprodinil												4.6875			
Dichlobenil												3.125			
Diphenylamine		10.989													
Esfenvalerate		0.10296										0.66			
Ethfluralin				0.608	3.84					68					
Extract of Reynoutria sachalinensis														0.75	
Fenpropathrin		0.6													
Fluxapyroxad															14.212
Fomesafen				4.2						26.26					
Glyphosate		0.936													
Halosulfuron-methyl						2.25									
Imidacloprid		0.414													
Indoxacarb															0.675
kresoxim-methyl															1.25
Lambda-cyhalothrin		26.5512													
Malathion							0.003744					0.02436			0.03072
Mancozeb												22.5			
Metam-Sodium														2130	
Metiram												112			60
Mineral oil												24.5			
Paraquat		0.108													
Permethrin										0.032					2.24
Phosmet		3.15	1.015									8.4			
Pyraclostrobin															14.212
Thiophanate-methyl		7.7													
Trifloxystrobin		0.706													
Zinc phosphide		0.5													
Utilities & Wood Treatment	43.14	187.010775	11255.93564	493.969925	421.2455	146.38775	4881.303857	6.868175	54.36055	452.842675	1949.86295	7115.932484	125.27385	8039.488043	5433.316037
2,4-D					4.56				1.9						
Acetamiprid	0.4546														
Aminopyralid		0.6	0.74	0.28	1.86	0.28	1	0.18	0.52	1.32	0.44	1.4	0.62	1.6	0.86
Bifenthrin	0.5454										0.2692				
Borax			9841.5896				4477.1524				294.101	5106.5198		6998.7735	4362.7458
Chlorsulfuron				0.03						0.045				0.03	0.135

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Copper 8-quinolinolate											2.019				
Copper Carbonate			389.60984				177.24196					202.15742		277.06815	172.71282
Copper ethanolamine complex			2.102379				1.098672					0.655989		4.511568	3.027192
Copper Naphthenate											269.676				
Dazomet											771.26				
Dicamba				0.36											
Dichlobenil					6.85										
Disodium Octaborate											347.94				
Disodium Octaborate Tetrahydrate	42.14		1.79875		53.151		0.94					42.09175		84.852	2.59
Fosamine				20.64	37.12	111.6	30.64	0.92	23		98.4		40.4	77.4	44.6
Glyphosate		138.08	691.06	217.04	110.24	31.6	87.76	5	27.6	186.16	152.52	1522.4	78.04	351.84	699.6
Imazapic		1.46	1.32	0.66	3.28	0.64	2.38	0.44	0.72	0.74	0.94	3.38	1.48	3.82	1.68
Imazapyr		33.18	43.01	4.08	25.56	1.4	0.36	0.02	0.234	0.22	1.24	106	2.4	6.54	4.98
Indaziflam				0.0501						0.0668				0.0501	0.501
Metam-Sodium					41.1										
Methylisothiocyanate			224.9624				100.2592					111.0844		176.3266	112.1611
Metsulfuron methyl		0.4689	3.6783	5.2767	1.452	0.519	0.5535	0.0663	0.0828	1.6965	2.163	4.8015	0.6126	1.1955	5.0475
Sulfometuron methyl		0.421875	0.264375	19.153125	4.0725	0.34875	1.918125	0.241875	0.30375	5.394375	7.54875	1.355625	1.72125	1.760625	17.555625
Tebuconazole											1.346				
Triclopyr		12.8	55.8	226.4	132					257.2		14.086		53.72	5.12
Grand Total	40676.73276	77540.2828	22893.37387	9357.674736	181874.6442	4294.15223	149626.9869	11384.27939	6636.421524	13663.06809	22024.71365	759854.551	15217.06608	80373.54284	21636.58941