

### 2017 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



## 2017 Use by active ingredient (pounds)

Active ingredients	pounds
(S)-Hydroprene	26.833
(S)-Methoprene	0.335
(Z)-9-Tricosene	0.000
1,2-benzisothiazolin-3-one	2050.300
1,3-dichloro-5,5-dimethylhydantoin	101.555
1,3-dichloro-5-ethyl-5-methylhydantoin	55.873
1-bromo-3-chloro-5,5-dimethylhydantoin	344.059
1-Naphthaleneacetic acid	0.215
2,2-Dibromo-3-nitrilopropionamide	56151.556
2,4-D	3626.758
2-Bromo-2-nitropropane-1,3-diol	1214.906
2-Methyl-4-isothiazolin-3-one	1373.063
2-Phenethyl Propionate	39.270
3-Indolebutyric acid	0.109
5-Chloro-2-methyl-4-isothiazolin-3-one	1195.336
Abamectin	0.123
Acephate	19.705
Acetamiprid	7.264
Acetic Acid-Ethanoic Acid	78.125
Acetochlor	26769.065
Acibenzolar-S-methyl	5.712
Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chloride	0.995
Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride	0.995
Aluminum tris	494.800
Aminocyclopyrachlor	62.776
Aminopyralid	137.805
Ammoniated soap of fatty acids	10.140
Ammonium nonanoate	2.805
Amorphous Silica	7.684
Amorphous Silica Dioxide	0.083
Ancymidol	0.001
Atrazine	73890.684
Aviglycine	0.072
Azadirachtin	0.060
Azoxystrobin	122.272
Bacillus amyloliquefaciens	1.582
Bacillus popilliae	0.005
Bacillus sphaericus 2362	367.402
Bacillus subtilis	2.920
Bacillus thuringiensis subsp. Israelensis	1641.541
Bacillus thuringiensis subsp. Kurstaki	1842.338

2017 Use by active ingredient

## 2017 Use by active ingredient (pounds)

Beauveria bassiana	4.688
Bensulide	2.400
Benzovindiflupyr	0.733
Bicyclopyrone	301.823
Bifenazate	8.122
Bifenthrin	469.263
Borax	38978.951
Boric acid	1.257
Boscalid	193.179
Brodifacoum	0.254
Bromacil	3.528
Bromadiolone	0.467
Bromethalin	0.342
Buprofezin	0.002
Calcium	6.600
Capsaicin	0.001
Captan	214.251
Carbaryl	146.007
Carfentrazone	21.601
Cedar oil	59.788
Chlorantraniliprole	82.159
Chlorfenapyr	75.379
Chlorimuron ethyl	1.198
Chloroneb	5.603
Chlorophacinone	0.014
Chlorothalonil	14564.050
Chlorpyrifos	143.705
Chlorsulfuron	2.978
Cholecalciferol	0.044
Chromobacterium subtsugae	1.440
Citric Acid	2.875
Clethodim	12.288
Clomazone	1.200
Clopyralid	1191.523
Clothianidin	8.817
Clove oil	0.111
Copper	0.075
Copper Carbonate	1543.029
Copper ethanolamine complex	6.575
Copper Hydroxide	66.069
Copper Naphthenate	3309.660
Copper Octanoate	0.020

2017 Use by active ingredient

## 2017 Use by active ingredient (pounds)

Copper Oxychloride	8.974
Copper Sulfate	28.400
Copper Triethanolamine Complex	0.768
Cottonseed oil	0.111
Cyantraniliprole	6.048
Cyazofamid	1.565
Cyfluthrin	210.117
Cyhalothrin	0.005
Cypermethrin	9.607
Cyprodinil	6.733
Cytokinin	0.019
Dazomet	751029.984
Deltamethrin	54.273
Diatomaceous Earth	0.164
Dicamba	4626.490
Dichlobenil	15.028
Dichlorvos	11.925
Dicrotophos (Bidrin)	0.205
Didecyl dimethyl ammonium chloride	1.157
Difenoconazole	1.164
Difethialone	0.147
Diflufenzopyr	1.244
Diisobutylphenoxyethoxy ethyl dimethyl benzyl ammonium chloride monohydrate	0.070
Dimethenamid	4.800
Dinotefuran	37.647
Diphacinone	0.074
Diphenylamine	55.195
Diquat	30.127
Disodium Octaborate	463.920
Disodium Octaborate Tetrahydrate	883.868
Dithiopyr	481.982
DRC-1339	0.241
d-trans Allethrin	0.190
Emamectin Benzoate	0.018
Esfenvalerate	6.749
Ethalfuralin	3.840
Ethephon	471.800
Etofenprox	3.735
Etridiazole	0.206
Eugenol	34.046
Extract of Reynoutria sachalinensis	0.375
Fenoxaprop-ethyl	0.820

**2017 Use by active ingredient**

## 2017 Use by active ingredient (pounds)

Fenpropathrin	1.423
Fenvalerate	2.222
Fipronil	112.025
Fluazinam	401.133
Fludioxonil	70.925
Flumetsulam	138.012
Flumioxazin	0.026
Fluoxastrobin	0.179
Fluroxypyr	44.400
Flurprimidol	208.765
Fluthiacet-methyl	1.960
Fluxapyroxad	135.581
Fomesafen	190.850
Fosamine	261.080
Gamma-cyhalothrin	0.000
Garlic	570.975
Geraniol	7.826
Gibberellic Acid	0.002
Glufosinate-ammonium	0.284
Glutaraldehyde	1564.750
Glyphosate	38813.437
Halosulfuron-methyl	534.113
Hexazinone	15.000
Hydramethylnon	0.073
Hydrogen dioxide	0.421
Hydrogen peroxide	10.840
Imazapic	26.179
Imazapyr	760.220
Imidacloprid	1116.642
Indaziflam	117.830
Indoxacarb	21.512
Iprodione	4298.607
Iron HEDTA	243.401
Isaria fumosorosea Apopka	0.030
Isofetamid	5.328
Isopropyl Alcohol	612.898
Isoxaben	1.463
Kaolin	251.750
Kinetin	0.005
kresoxim-methyl	1.300
Lambda-cyhalothrin	233.752
Linalool	11.100

2017 Use by active ingredient

## 2017 Use by active ingredient (pounds)

Malathion	721.350
Mancozeb	1827.551
Mandipropamid	0.042
Maneb	79.960
MCPA	455.931
Mecoprop	524.211
Mefenoxam	0.883
Mefluidide	9.780
Mesotrione	2892.592
Metam-Sodium	1682.700
Metarhizium anisopliae strain 5	1.540
Metconazole	19.039
Methomyl	0.000
methylene bis(thiocyanate)	26960.000
Methylisothiocyanate	564.753
Metiram	60.000
Metofluthrin	0.006
Metolachlor	51466.999
Metribuzin	32.250
Metsulfuron methyl	50.004
Mineral oil	5333.863
Monosodium methanearsonate	19.098
Myclobutanil	22.217
N-Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride	6.000
N-Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium chloride	0.941
N-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chloride	61315.992
Naphthalene	2.731
N-Dialkyl (60% C14, 30% C16, 5% C12, 5% C18) methyl benzyl ammonium chloride	402.167
Neem Oil	9.075
Nicarbazin	35.757
Nicosulfuron	40.584
N-Octyl bicycloheptene dicarboximide	70.924
Noviflumuron	0.080
Oil of Black Pepper	0.010
o-Phenylphenol	0.022
Orthoboric Acid	98.714
Oryzalin	13.000
Paclobutrazol	165.708
Paraquat	1.000
Pelargonic acid	0.160
Pendimethalin	338.280
Penoxsulam	0.819

## 2017 Use by active ingredient

## 2017 Use by active ingredient (pounds)

Pentachloronitrobenzene	95.250
Penthiopyrad	22.690
Peppermint oil	66.950
Permethrin	305.131
Peroxyacetic Acid	0.800
Phenothrin	3.332
Phosmet	20.300
Phosphorous acid	107.508
Picloram	4.000
Picoxystrobin	70.720
Piperine	0.004
Piperonyl butoxide	260.870
Poly [oxyethylene (dimethyliminio) ethylene (dimethyliminio) ethylene dichloride]	79.900
Polyoxorim	2.441
Potassium bicarbonate	0.191
Potassium salts of fatty acids	0.597
Potassium Sorbate	1.150
Prallethrin	0.942
Primisulfuron-methyl	25.145
Prodiamine	826.357
Prohexadione calcium	14.311
Prometon	1.940
Propamocarb hydrochloride	28.686
Propiconazole	690.877
Prosulfuron	10.480
Puriproxyfen	0.001
Pymetrozine	0.027
Pyraclostrobin	272.188
Pyraflufen ethyl	0.127
Pyrethrins	37.201
Pyridalyl	0.039
Pyrifluquinazon	0.028
Pyriproxyfen	4.494
Pyroxasulfone	67.900
Quinclorac	152.651
Quinoxyfen	0.208
Rimsulfuron	377.354
Rosemary oil	335.375
Saflufenacil	108.462
Sethoxydim	9.910
Siduron	2.250
Silicon Dioxide	2.749

2017 Use by active ingredient

## 2017 Use by active ingredient (pounds)

Simazine	3671.841
S-methoprene	0.025
Sodium bromide	25196.960
Sodium bromosulfamate	963.000
Sodium chlorosulfamate	963.000
Sodium hypochlorite	109870.900
Spinosad	2.845
Spiromesifen	0.444
Streptomyces lydicus	0.000
Streptomycin Sulfate	1.363
Sulfentrazone	6.945
Sulfometuron methyl	39.613
Sulfur	71.259
Tebuconazole	1298.605
Tembotrione	78.826
Tetrachlorvinphos	0.288
Tetramethrin	0.075
Thiabendazole Hypophosphite	42.525
Thiamethoxam	7.019
Thiencarbazone methyl	15.601
Thifensulfuron methyl	73.144
Thiophanate-methyl	1163.837
Thiram	50.971
Thyme oil	28.645
Topramezone	1.036
Triadimefon	158.542
Trichlorfon	231.199
Trichloro-s-triazinetrione	92.900
Trichoderma harzianum Rifai strain T-22	0.372
Trichoderma virens strain G-41	0.151
Triclopyr	1758.724
Trifloxystrobin	130.032
Trifluralin	7.261
Trinexapac-ethyl	126.088
Triticonazole	15.155
Uniconazole-P	0.000
Vinclozolin	80.860
Z-9-Tricosene	0.179
Zeta-cypermethrin	1.598
Zinc ion and manganese ethylenebisdithiocarbamate	39.345
Zinc phosphide	2.418
<b>Grand Total</b>	<b>1347793</b>

2017 Use by active ingredient



**2017 Use by active ingredient (pounds)**



2017	_not specified	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
Primisulfuron-methyl				0.8025						7.209232		5.778		5.79084	5.564
Prosulfuron				0.26625						2.391848		4.0545		1.92126	1.846
Pyraclostrobin							14.98						76.0496		
Pyroxasulfone														67.9	
Rimsulfuron		86.59095	5.2807629	8.458112	19.297552		174.4708275	13.6566265	9.917954	10.258	9.312941	10.393709	23	2.405908	4.310158
Saflufenacil							108.4425							0.01995	
Sethoxydim												0.89			
Simazine		618.08		34.3917	208.424	173.177	623.684		437.98	599.64	679.764	104.4	192.3		
Tembotrione										1.68768				45.36	31.77792
Thiencarbazono methyl										0.33402				8.9775	6.28938
Thifensulfuron methyl		15.908		1.83872	4.19512		37.621225	1.588632	1.168532	2.23	1.59996	1.07424	5	0.49248	0.42748
Topramezone										0.574					0.294
Triclopyr					2.5					6.21					
<b>Forestry</b>		<b>11.256</b>	<b>109.815</b>	<b>85.4726</b>	<b>72.560125</b>	<b>37.019</b>	<b>18.9495</b>	<b>12.907</b>	<b>3.875</b>	<b>103.9946</b>	<b>1878.08</b>	<b>86.5252</b>	<b>71.431</b>	<b>661.34777</b>	<b>278.51683</b>
2,4-D		2													
Aminopyralid					0.5		1.05								
Bacillus thuringiensis subsp. Kurstaki											1840.575				
Diquat					0.009125										
Glyphosate		8.248	108.628	77.884	69.658	37.019	15.3395	9.007		103.2446	37.505	73.313	65.309	656.6536	231.8412
Imazapyr										0.24				0.32	0.64
Metsulfuron methyl			0.018	0.0006	0.03					0.06		0.0072	0.084		0.0216
Pendimethalin				3.838	0.363							0.198			
Triclopyr		1.008	1.169	3.75	2		2.56	3.9	3.875	0.45		13.205	5.84	4.37417	46.01403
<b>General Pest Control</b>	<b>3058.583945</b>	<b>15.588</b>	<b>8.13941877</b>	<b>0.0771925</b>	<b>0.0055031</b>		<b>16.785275</b>		<b>0.04968</b>	<b>1.21</b>	<b>5.29961139</b>	<b>0.080046</b>	<b>4.47</b>	<b>88.1261672</b>	<b>0.00054</b>
(S)-Hydroprene	25.665624		0.2322								0.0351			0.9	
(S)-Methoprene	0.3354075														
(Z)-9-Tricosene	0.00000735														
2-Phenethyl Propionate	16.86405						0.2301								
Abamectin	0.00727978		0.00018557								0.00016324				
Acephate	0.22402														
Acetamiprid	6.2009059			0.034095								0.036368		0.020457	
Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chloride	0.085794														
Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride	0.085794														
Amorphous Silica	6.122													1.5624	
Amorphous Silica Dioxide	0.03512						0.00264							0.04496	
Bifenthrin	218.9087011		0.12775	0.040905			0.0572953				0.076	0.043632		0.225553	
Borax	1.79225		0.0012				0.0243		0.04968		0.00459				
Brodifacoum	0.23124965		0.0204375	0.0000925			0.00013005				0.0003281	0.000046		0.0021615	
Bromadiolone	0.44939935		0.0019875		0.0055031						0.00062285			0.0099781	
Bromethalin	0.34204285														
Captan	57.6														
Chlorfenapyr	74.5441		0.015015								0.128		0.5	0.01	
Chlorophacinone	0.01344													0.000374	
Cholecalciferol	0.028896													0.015375	
Clothianidin	0.293785														
Clove oil	0.1111														
Cottonseed oil	0.1111														
Cyantraniliprole	0.043905														
Cyfluthrin	188.56701		0.01209								4.161			17.31675	
Cyhalothrin	0.00125		0.00328												
Cypermethrin	6.15						0.4288				0.2684				
Deltamethrin	30.226571		0.0123435	0.0021							0.0415905			23.9904	
Diatomaceous Earth	0.164														
Dichlorvos	11.924788														
Didecyl dimethyl ammonium chloride	1.156986														
Difethialone	0.14575885						0.00022365							0.0008121	
Diisobutylphenoxyethoxy ethyl dimethyl benzyl ammonium chloride monohydrate											0.07				
Dinotefuran	1.96586													0.0271	
Diphacinone	0.015387						0.058724				0.000025				

2017	_not specified	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
Disodium Octaborate Tetrahydrate	786.6957		1.08712												
d-trans Allethrin	0.140094													0.05	
Esfenvalerate	0.5911		1.28874												
Etofenprox	3.73505														
Eugenol	34.046														
Fenvalerate	2.22234														
Fipronil	105.0195814		0.4800165								0.1968072			6.3288685	
Gamma-cyhalothrin	0.000125														
Geraniol	7.591						0.1534							0.04	
Hydramethylnon	0.0721795										0.0011				
Imazapic	0.126														
Imidacloprid	255.784628		0.0146368				11.2							2.226	
Indoxacarb	0.413191													0.000284	
Isopropyl Alcohol	612.89811														
Lambda-cyhalothrin	68.601666	5.408	1.941291											1.94	
Linalool	11.1														
Mecoprop	0.3744														
Methomyl	0.00015														
Metofluthrin	0.00648														
Monosodium methanearsonate	0.648														
N-Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium chloride	0.941324														
Naphthalene	2.7314														
Nicarbazin	35.7565														
N-Octyl bicycloheptene dicarboximide	70.398168		0.192581								0.093745			0.24	
Noviflumuron	0.0795														
o-Phenylphenol											0.022				
Orthoboric Acid	93.6849		0.04375				1.36038							2.475	
Peppermint oil	3.0364						0.11505							0.016	
Permethrin	25.537845	10.18	0.012				1.45			1.21	0.03748		3.97	0.04	
Phenothrin	3.31555		0.01656												
Piperonyl butoxide	177.910762		2.179736				0.103784				0.035701			27.702376	
Prallethrin	0.61609		0.32525											0.000606	0.00054
Puriproxyfen	0.0013														
Pyrethrins	28.851991		0.111368				0.015898				0.0811285			2.825712	
Pyriproxyfen	4.454685		0.00737								0.00937			0.01	
Rosemary oil	23.7972						0.11505							0.08	
Silicon Dioxide	2.7494185														
S-methoprene	0.02493														
Sulfur	10.9256														
Tetrachlorvinphos	0.2875														
Tetramethrin	0.07487														
Thiamethoxam	3.0191302		0.000007												
Thyme oil	28.582														
Z-9-Tricosene	0.067489		0.0000034				0.112								
Zeta-cypermethrin	1.242215		0.0125								0.019				
Zinc phosphide	0.0178						1.3575				0.01746			0.025	
<b>Golf Courses</b>		<b>650.16842</b>	<b>5298.200608</b>	<b>231.744618</b>	<b>3269.393681</b>		<b>625.523613</b>	<b>118.7781</b>	<b>2386.344599</b>	<b>1034.51013</b>	<b>1395.647123</b>	<b>4189.393243</b>	<b>1660.374568</b>	<b>1354.007592</b>	<b>9954.247373</b>
2,4-D			68.9215		109.6798		24.3408	7.6	68.2665	40.553	25.7972	30.152	15.7051	8.91	78.7316096
3-Indolebutyric acid			0.07225				0.034							0.00268725	
Acibenzolar-S-methyl		0.24	1.80457		0.138				0.108	0.363		0.66	0.0966		2.3016
Aluminum tris			218												276.8
Azoxystrobin		6.1	18.446	0.651	8.001		0.521		1	2	0.716375			2.08	17.04
Beauveria bassiana			4.6669												
Bensulide															2.4
Bifenthrin		1.64602	6.18169		4.6048823		4.345303	0.6667	11.88561	3.99533	1.1133482	9.9895357	2.970818	10.3270813	52.35298
Boscalid			47.53448		18.5304				13.601			15.036	3.234		17.15
Carbaryl		40	38						3.12			20			
Carfentrazone			2.8955		1.7968		0.627		2.66	0.805	1.58	3.5308	3.2292	0.532	0.8455
Chlorantraniliprole			13.5774		3.659154		0.1675		0.35	0.835	2.61	2.0875	3.29825		16.6325

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Chloroneb												3.125			2.1516
Chlorothalonil		378.7	2846.306	108.6	1380.534		432.2025	51.09	1252.72	633.025	845.76	1634.425	591.086	788.865	3384.455
Chlorpyrifos					37		8	1.6			35.48				59
Clopyralid			1.92				2.556		1.704			0.66	3.69	1.1025	10.24
Clothianidin			4.4		2.6								0.098		
Copper Triethanolamine Complex							0.76821								
Cyantraniliprole			6.00365												
Cyazofamid			1.5651												
Cyfluthrin					0.003375										
Cytokinin			0.01275				0.006								
Dicamba			11.2602		11.4895		2.8992		7.7301	5.654	4.0384	2.749	1.622	1.305	9.6364
Dithiopyr			47.107		23.24939		0.4175		6	18.597	6.75	8.437487	15.051	1.2	61.24
Ethephon		14	257		53.1		5		6		6.86	90.24	15.6	14	10
Fluazinam		16.8885	88.9878	17.20125	85.8186			22.935		12.8853	14.178	55.2525	29.8155	13.3857	43.785
Fludioxonil		8.1675	13.48894	1.815	14.4417				0.968	13.6125		5.0457	3.63	3.9325	5.823125
Fluroxypyr													0.0984		1.6230456
Flurprimidol		5.17	36.438		14.2025				26.65		1.245	18.1	6.89	7.74	92.329
Fluxapyroxad			16.7839		18.5086				3.197			25.98131	8.6664		27.604
Gibberellic Acid														0.00165	
Glyphosate			1.53		0.6006				1					1	197.3
Halosulfuron-methyl											0.87				
Imidacloprid		9.25	49.1		9.38175		0.01		29.925	2.4	0.94	24.55	14.9775	14.2	31.1425
Indoxacarb			17.586								0.225				
Iprodione		64	778.2582	69.8	396.7101		84.434	2	275.476239	92.5	264.53	911.372	443.5678	170.27	744.924
Isofetamid															5.328
Kinetin														0.00537375	
Lambda-cyhalothrin		1.0384	3.608					1.5224			0.06				
Mancozeb					451.2				132.496				143.92	27	960
Maneb													39.96		40
Mecoprop			24.9929		35.06485		0.9828		4.3162	20.268	14.4248	8.077	3.2135	3.984	10.5224
Mefenoxam			0.76												
Mefluidide									2.76			1.66			5.36
Mesotrione									5.08						
Metconazole												5			
Mineral oil					132							792			2793
Paclobutrazol		0.8	32.92		0.4				24.04			2	26.42		
Pendimethalin			40.432		6.498				116.432				16.454		7.1
Pentachloronitrobenzene								27		30	3.75			30	
Penthiopyrad			22.69												
Polyoxorim												2.4408			
Prodiamine			5.85												
Prohexadione calcium									4.87575			1.99375	7.4415		
Propamocarb hydrochloride					6		6.75							15	
Propiconazole		31.725	165.2598	33.161	89.495		3.936	4.364	15.36	147.517	7.8105	51.22508	28.773	29.445	25.41875
Pyraclostrobin		0.513	55.68772		9.509		3.9728		29.666		2.0592	9.35708	5.9214	2.08	7.784
Quinclorac			3.66		13.2		3.3		18.84		3	4.875		7.5	48.33
Sethoxydim			4.06						2.96						
Spinosad														1.5	1.3
Sulfentrazone									3.8508				0.2454		
Tebuconazole		3	128.81		94.8329		16.344		184.366		3	235.8416	176.838	82.911	371.52
Thiamethoxam			4												
Thiophanate-methyl		30	54.95		194.59925		14.684		80.4		76.5	125.474	18.287	101.3458	455.75
Topramezone			0.168												
Triadimefon		21.97	9.058	0.516368	30.0875				24.7755			50.63			
Trichlorfon			20.15												16.74
Trichoderma harzianum Rifai strain T-22			0.3717												
Trichoderma virens strain G-41			0.151158												
Triclopyr			18.06						14.125				6.2186	3.3075	20.3757624
Trifloxystrobin		1.3	52.2919		6.9082		0.975		6.1229		0.325	23.504	19.2036		14.833



2017	_not specified	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor
Ammonium nonanoate				0.33							2.475				
Azadirachtin				0.028											
Azoxystrobin			1.031												
Bacillus amyloliquefaciens			1.5816												
Bacillus popilliae					0.005										
Bifenazate		0.13	0.016		5.946		0.732	0.162	0.195	0.0406			0.894	0.006	
Bifenthrin		0.639788	25.142214	5.5361	11.317496	0.667	0.952254	0.010672	0.012673	1.337484	4.8671	5.948281	0.407146	5.12785	27.986736
Boscalid			0.1132544											0.0343808	
Capsaicin													0.00064		
Captan				0.06											
Carbaryl			10	0.002382	0.008				1			0.028			12.76
Carfentrazone		0.25	0.3895	0.19	1.5116						0.19				0.5684
Chlorantraniliprole			7.01875	2.0207	22.164					0.1171		1.35			6.10008
Chloroneb			0.326												
Chlorothalonil			39.35235		82.5				10.5		5.445	6.312	3	10.98	78.192
Citric Acid					1.4375								1.4375		
Clopyralid															0.568
Clothianidin		0.005			0.16425		0.02025	0.005	0.0055				0.02475	1.2	
Copper			0.075												
Copper Hydroxide					18.5846625										3.3412652
Copper Octanoate															0.02
Copper Oxychloride					5.270175										3.7035336
Cyfluthrin		0.056344													
Dicamba	0.1632	5.27067	28.42339	8.38973	129.735	0.176	8.0008	1.3824	1.63513	1.5966	0.942	19.9891	7.4932	17.657196	35.618264
Dichlobenil				0.84	8						3.92				
Dicrotophos (Bidrin)													0.205		
Dimethenamid					4.8										
Dinotefuran		0.42	0.52		1.27					0.35				1.525	7.45
Diquat	0.0657	0.53238	1.02636		1.1223		0.146				0.15768			0.23715	0.03
Dithiopyr		5.40995	54.18868	10.236	149.7295		4.4905	1.293	1.4768	0.641	1.4	3.05197	7.7035	21.23546	33.075855
Emamectin Benzoate					0.018										
Fenoxaprop-ethyl		0.01597			0.5986		0.0738	0.0164	0.01968	0.00535			0.0902		
Fluoxastrobin															0.1788
Fluroxypyr		2.25625	2.568		9.25		1.1025	0.265	0.294	1.086		0.0377	1.3475	3.512	18.8893
Gamma-cyhalothrin					0.0001068										
Garlic					285.4875								285.4875		
Glyphosate	1.08	128.18458	217.93626	3.948	159.6698		15.1		10.52688	1.5	77.592	31.189	3.243	194.23665	134.33
Halosulfuron-methyl		0.0045	1.275		30.510395		0.270075	0.25505	0.27154	0.02325		1.0875	0.405095	0.07275	1.3875
Hydrogen peroxide		10.84													
Imazapic				0.0008			0.05							0.042	
Imidacloprid		3.292744	150.294725	9.17544	174.34225	0.4	9.076	1.99	3.158	4.82825	4.6	47.0875	15.886	42.28275	195.0634375
Indoxacarb															2.301
Iprodione			0.765												
Iron HEDTA										43.095					200.30556
Isoxaben		0.185		0.031	1.225						0.0215				
Kaolin										19					
Lambda-cyhalothrin	12.707				1.116							0.01455		3.60105	0.7
Malathion				0.0012	0.0071							0.03059			
Mancozeb			7.5		4.5				3						3.75
MCPA			25.84		314.677					8.3505		0.3705			77.0925
Mecoprop		11.70734	67.47015	11.5882	103.5382	0.504	14.9466	2.1248	2.54976	2.9334	3.353338	59.32915	11.6864	21.00476	85.25434
Mefenoxam			0.0432		0.042									0.016	0.022
Mesotrione			0.36							0.12					1.12
Metarhizium anisopliae strain 5														1.54	
Mineral oil		2.8224	240.1931		500.3028		15.876	3.528	32.6336	15.082		18.561	33.604	113.9926	98.6422
Monosodium methanearsonate		18			0.45										
Myclobutanil			4.5925		1.45958				0.835	1.2024			0.20875	1.1022	12.4635
Neem Oil		0.67704			8.19										
Oil of Black Pepper													0.0096		





2017	_not specified	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor	
Rosemary oil					0.0825											311.3
<b>Produce Production</b>		<b>106.28771</b>	<b>2.9824</b>	<b>0.21</b>	<b>435.400536</b>	<b>0.27</b>	<b>0.6385</b>			<b>0.03</b>	<b>108.846528</b>	<b>0.2775</b>	<b>112.800506</b>		<b>2131.6558</b>	<b>457.736152</b>
1-Naphthaleneacetic acid					0.06045							0.155				
Acetamiprid					0.39											0.582
Aviglycine					0.072											
Azadirachtin					0.027636											
Azoxystrobin										51.58192						
Bacillus subtilis					0.584									2.336		
Bacillus thuringiensis subsp. Kurstaki					1.755											
Benzovindiflupyr												0.73289				
Boscalid		1.264								1.456128						75.192832
Calcium					6.6											
Captan		39	2.92		21.42		0.3						58.5108			34.44
Carbaryl		13.2			7.8		0.0075						0.00027			0.081
Chlorantraniliprole					0.1715											
Chromobacterium subtsugae					1.44											
Copper Hydroxide					44.14275											
Copper Sulfate																28.4
Cyprodinil					1.0575							5.67521				
Dichlobenil					0.705							1.5625				
Difenoconazole												1.16362				
Diphenylamine		40.40955												14.7852		
Esfenvalerate		0.05148														
Extract of Reynoutria sachalinensis														0.375		
Fenpropathrin		1.4232														
Flumioxazin					0.0255											
Fluxapyroxad																14.212
Fomesafen							0.25			50						
Glufosinate-ammonium					0.2839											
Glyphosate					24.87											
Halosulfuron-methyl					0.21	0.27	0.075			0.03	0.4275	0.2775				
Indoxacarb					0.243					0.069						0.675
Kaolin					232.75											
kresoxim-methyl					0.05											1.25
Lambda-cyhalothrin		0.32448	0.0624													
Malathion							0.006						0.000216			0.0648
Mancozeb					48.3375								45			0.8475
Mandipropamid					0.0416											
Metam-Sodium														1682.7		
Metiram																60
Mineral oil					15.536					2.7632				431.4596		90.748
Myclobutanil					0.08											0.2672
Permethrin										0.096						3.424
Phosmet		6.3														
Phosphorous acid					3.822					1.5075						88.9425
Piperonyl butoxide																5.75
Pyraclostrobin		0.64								0.73728						52.28432
Pyrethrins																0.575
Quinoxifen										0.208						
Streptomycin Sulfate					1.3552											
Sulfur					21.78											
Thiophanate-methyl		3.375														
Trifloxystrobin		0.3														
<b>Utilities &amp; Wood Treatment</b>	<b>65</b>	<b>10331.0252</b>	<b>583.936905</b>	<b>977.56637</b>	<b>2908.335323</b>	<b>21.94648</b>	<b>2012.232087</b>	<b>619.556545</b>	<b>253.210541</b>	<b>489.295375</b>	<b>3636.38539</b>	<b>15817.82566</b>	<b>6579.370645</b>	<b>316.24226</b>	<b>6603.149548</b>	
Aminocyclopyrachlor		0.553	0.79395	0.4503	0.7663	0.08295	0.2607		0.0948	0.4345	0.4266	0.6873	0.62805	0.55695	1.61555	
Aminopyralid			0.1								0.06			0.06		
Borax		9800.162			2684.2288		1805.684	547.124	209.76			14415.756	4574.516		4939.848	
Boric acid							0.00526							0.08153		
Chlorpyrifos											2.625					

2017	_not specifed	Addison	Bennington	Caledonia	Chittenden	Essex	Franklin	Grand Isle	Lamoille	Orange	Orleans	Rutland	Washington	Windham	Windsor	
Chlorsulfuron		0.2212	0.31758	0.21762	0.30652	0.03318	0.10428		0.03792	0.1738	0.17064	0.27492	0.25122	0.22278	0.64622	
Copper Carbonate		387.9698			106.26352		71.4836	21.6596	8.304			570.6924	181.0964		195.5592	
Copper ethanolamine complex		2.144748			0.223533		1.303212	0.357945	0.016071			1.618788			0.910203	
Copper Naphthenate											3309.66					
Cypermethrin	1				0.02		0.22					1.52				
Dazomet													823.2			
Disodium Octaborate												463.92				
Disodium Octaborate Tetrahydrate	64	1.835			0.19125		1.115	0.30625	0.01375			1.385		26.46	0.77875	
Fosamine					0.8	18.6	36	26	6.4		79.4	41.48		52.4		
Glyphosate		26.92	539.8	908	73.32	2.68	50.94	3.6	25.36	456.88	217.4	491.24	491.4	203.88	1270.66	
Hexazinone														15		
Imazapic		1.28	1.86	0.86	3.68	0.04	2.4	0.28	1.18	1.56	0.72	3.28	1.62	4.2	3	
Imazapyr			36.14	63.3	0.02	0.28	1.01	0.32	0.22	26.98	20.04	32.64	33.32	6.94	70.25	
Indaziflam		1.2692	1.67	1.002	2.3881	0.1336	1.3527	0.1169	0.6012	1.1857	0.8684	2.0708	1.4362	3.1563	3.3233	
Methylisothiocyanate		107.573			34.3768		38.5769	19.4776	0.3783			251.1912	5.3447		107.8349	
Metsulfuron methyl		0.231	2.8335	0.7302	0.378	0.063	0.45456	0.123	0.192	0.8445	0.531	2.223	1.8387	1.1022	6.4953	
Sulfometuron methyl		0.86625	0.421875	0.50625	1.3725	0.03375	1.321875	0.19125	0.6525	0.736875	0.48375	1.76625	0.399375	2.1825	1.468125	
Triclopyr				2.5						0.5	4		0.4		0.76	
<b>Grand Total</b>		<b>3139.092645</b>	<b>59653.23399</b>	<b>11177.6746</b>	<b>12655.0985</b>	<b>144379.3419</b>	<b>2662.95801</b>	<b>170108.4104</b>	<b>9600.257692</b>	<b>8334.119542</b>	<b>12601.12741</b>	<b>16101.58856</b>	<b>768676.6205</b>	<b>18355.06504</b>	<b>87534.85275</b>	<b>22813.74759</b>