

**Commercial Applicator Pesticide Usage Host Group Summary**  
**Pounds of Active Ingredient Statewide**  
**Reporting Year: 2014**

**A - Animal**

Bromadiolone	0.00
TOTAL A - Animal	0.00

**B - Birds/bats**

3-Chloro-p-toluidine hydrochloride	0.82
TOTAL B - Birds/bats	0.82

**C - Corn**

2,4-D	418.45
2,4-Dichlorophenoxyacetic Acid	44.88
Acetochlor	4,902.86
Aminopyralid	1.78
Atrazine	61,426.15
Azoxystrobin	36.64
Bentazon	41.00
Carbaryl	59.20
CGA-77102	206.08
Chlorothalonil	54.00
Chlorpyrifos	60.00
Clopyralid	432.93
Copper hydroxide	6.93
Dicamba	1,258.21
Dimethenamid	361.02
Esfenvalerate	1.45
Flumetsulam	133.49
Glyphosate	27,440.74
Halosulfuron	268.44
Lambdacyhalothrin	114.96
Mesotrione	270.79
Metolachlor	34,805.39
Nicosulfuron	69.88
Pendimethalin	2,448.85
Primisulfuron methyl	10.32
Prometon	7.00
Propamocarb hydrochloride	19.20
Prosulfuron	6.27
Rimsulfuron	413.50
Simazine	7,210.71
Thifensulfuron methyl	67.32
Thifensulfuron-methyl	0.46
Topramezone	1.32
Triclopyr	3.00
Trifluralin	1.50
TOTAL C - Corn	142,604.70

**D - Cooling towers**

2,2-Dibromo-3-nitropropionamide	21,260.17
2-Bromo-2-nitropropane-1,3-dol	3,117.43
2-Methyl-4-isothiazolin-3-one	5,869.08
5-Chloro-2-methyl-4-isothiazolin-3-one	16,224.92
ALKYL DIMETHYLBENZYL AMMONIUM CHLORIDE	38,497.02

Bromine	63.10
Busan 77	159.49
Chlorine	36.55
Dazomet	204,090.80
DBNPA	8.34
Glutaraldehyde	35.70
Glyphosate	76.00
HYDROGEN PEROXIDE	189.54
Methylene bithiocyanate	17,329.53
QUARTERNARY AMMONIUM COMPOUNDS	7,369.93
Sodium Bromide	124.40
Sodium hypochlorite	107.60
Sodium O-phenylphenate	48.40
Trichloro-s-triazinetrione	929.00
TOTAL D - Cooling towers	315,536.98

#### E - Golf Course

2,4-D	478.87
Aluminum tris	768.00
Azoxystrobin	47.44
Bensulide	2.40
Bifenthrin	16.52
Boscald	1,495.69
Carfentrazone-ethyl	18.97
Chlorantraniliprole	33.88
Chloroneb	45.43
Chlorothalonil	9,906.22
Chlorpyrifos	5.71
Clopyralid	16.07
Clothianidin	4.40
Dicamba	56.48
Dichloro-8-quinolinecarboxylic acid	8.25
Diquat	0.20
Dithiopyr	67.82
Ethephon	239.20
Fenoxaprop-ethyl	0.03
Fludioxonil	71.24
Fluoxastrobin	5.09
Flurprimidol	20.54
Glufosinate ammonium	0.25
Glyphosate	229.77
Halosulfuron	0.62
HYDROGEN PEROXIDE	0.70
Imazapic	12.67
Imidacloprid	2,521.72
Indoxacarb	95.63
Iprodione	960.53
Lambdacyhalothrin	0.24
Mancozeb	1,007.68
MCPA	23.64
MCPP	147.99
Mecoprop	29.88
Mefluidide	8.28
Metalaxyl	9.95
Methanearsonic acid	0.02
Metsulfuron methyl	1.38

Mineral Oil	3,076.13
Paclobutrazol	103.75
PCNB	52.91
Pendimethalin	1.98
Propamocarb hydrochloride	127.80
Propiconazole	499.84
Pymetrozine	0.38
Pyraclostrobin	149.50
Quinclorac	69.77
Sethoxydim	4.65
Siduron	6.30
Spinosad	12.00
Sulfentrazone	1.02
Thiamethoxam	7.02
Thiophanate	643.49
Triadimefon	257.83
Trichlorfon	2.80
Triclopyr	42.34
Trifloxystrobin	21.38
Trinexapac-ethyl	100.47
Vinclozolin	458.01
TOTAL E - Golf Course	23,998.75

#### F - Forestry

2,4-D	21.52
Aminopyralid	2.02
Diquat	0.03
Glyphosate	1,622.93
Imazapyr	0.01
Metsulfuron methyl	1.31
Triclopyr	184.65
TOTAL F - Forestry	1,832.47

#### G - Lawncare

2,4-D	1,302.95
2,4-Dichlorophenoxyacetic Acid	644.39
2,4-DP	2.00
Azoxystrobin	0.78
Bacillus popilliae	0.09
Bifenthrin	15.64
Bromethalin	0.00
Carfentrazone-ethyl	2.53
Chlorantraniliprole	0.88
Chlorothalonil	28.27
Chlorpyrifos	419.25
Clothianidin	0.04
Copper hydroxide	3.11
Dicamba	158.79
Diquat	6.10
Dithiopyr	156.49
Fenoxaprop-ethyl	4.02
Fludioxonil	0.09
Glyphosate	706.45
Halosulfuron	0.15
Imazapic	0.05
Imidacloprid	663.49

Isoxaben	0.53
Mancozeb	1.01
MCPA	199.51
MCPP	328.78
Mecoprop	25.62
Mefluidide	0.10
Mesotrione	0.31
Metalaxyl	0.73
Methanearsonic acid	0.01
Myclobutanil	7.93
Pelargonic Acid	0.40
Prodiamine	109.86
Prometon	1.50
Propiconazole	0.34
Propionic acid	74.69
Quinclorac	11.46
Siduron	2.78
Simazine	2.44
Sulfentrazone	0.93
Thiophanate	2.18
Triadimefon	0.33
Trichlorfon	43.52
Triclopyr	82.23
Trifluralin	2.10
TOTAL G - Lawncare	5,014.85
<b>H - Highway</b>	
Glyphosate	1,611.80
Metsulfuron methyl	3.01
Sulfometuron methyl	11.29
TOTAL H - Highway	1,626.10
<b>M - Mosquitos</b>	
Bacillus sphaericus	600.00
Bifenthrin	1.97
Permethrin	1.00
TOTAL M - Mosquitos	602.97
<b>O - Ornamental, shade trees</b>	
2,4-D	152.50
Abamectin	0.02
Acephate	15.58
Acetochlor	1,014.96
Atrazine	954.36
Bacillus thuringiensis var. kurstaki	0.07
Bifenazate	3.75
Bifenthrin	1,677.01
Bromoxynil	75.80
Carbaryl	24.60
Chlorothalonil	17,983.33
Clopyralid	78.44
Copper hydroxide	15.86
Cyfluthrin	2.60
Dicamba	2,943.17
Diquat	18.00
Flumetsulam	28.99
Glyphosate	1,820.03

Halosulfuron	1.20
Hexythiazox	0.09
Imidacloprid	6,373.94
Isoxaben	1.25
Malathion	0.47
Mancozeb	12.60
MCPP	81.25
Mefenoxam	7.88
Mesotrione	0.24
Metalaxyl	0.09
Metolachlor	240.66
Mineral Oil	244.98
Myclobutanil	3.81
Nicosulfuron	0.01
Oryzalin	8.00
Paraquat	10.00
Permethrin	2,726.58
Phosmet	37.80
Phosphoric Acid	147.11
Piperonyl butoxide	419.30
Prodiamine	64.18
Propiconazole	594.02
Pyrethrins	10.08
Pyrethrum	41.93
Pyriproxyfen	16.03
Rimsulfuron	0.01
Spinosad	6.20
Spiromesifen	86.96
Sulfur	864.00
Superior oil	893.12
Tebuconazole	0.32
Thiabendazole	3,914.81
Thiophanate	5.72
Trifluralin	5.00
Zinc phosphide	1.90
TOTAL O - Ornamental, shade trees	43,630.59

**P - Plant propagation, greenhouse, nurseries, Christmas trees**

Abamectin	0.00
Ancymidol	0.00
Bacillus thuringiensis var. kurstaki	0.01
Beauveria bassiana	0.02
Bifenthrin	1.40
Carboxin	0.74
Chlorfenapyr	0.03
Diphacinone	0.00
Etridiazole	0.36
Glyphosate	0.45
HYDROGEN PEROXIDE	0.31
Mineral Oil	122.49
Myclobutanil	0.05
Paraffinic Oil	0.08
Piperonyl butoxide	0.04
Potassium salts of fatty acids	0.05
Pymetrozine	0.05
Pyrethrum	0.01

Pyridalyl	0.01
Sethoxydim	2.30
Simazine	1.66
Spinosad	0.01
Thiamethoxam	0.01
Thiophanate	0.59
Triadimefon	0.00
Triclopyr	2.93

TOTAL P - Plant propagation, greenhouse, nurseries,Christmas trees 133.59

**Q - Aquatic**

2,4-D	5.40
Acid blue 9	2.00
Acid yellow 23	0.20
Bromacil	5.40
Copper ethanolamine complex	2.14
Diquat	33.20
Glyphosate	9.40
TFM	373.60
Triclopyr	1,831.20

TOTAL Q - Aquatic 2,262.54

**R - Railroad**

Glyphosate	1,770.86
Metsulfuron methyl	36.48
Sulfometuron methyl	136.82

TOTAL R - Railroad 1,944.16

**S - General pest control, structural, food processing**

2-Phenethyl Propionate	1.29
3-phenoxybenzyl-(1RS,3RS,1SR,3SR)-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate	0.00
Abamectin	0.01
Amorphous Silica	3.40
Bacillus thuringiensis var. israelensis	0.06
Benzene acetate	0.26
Benzethonium chloride	0.02
Bifenthrin	597.05
Borax	712.74
Boric acid	6.81
Brodifacoum	0.18
Bromadiolone	0.29
Bromethalin	0.01
Chlorfenapyr	145.90
Chlorophacinone	0.01
Cyfluthrin	187.36
Cypermethrin	85.86
Deltamethrin	185.93
Diatomaceous earth	564.80
Difethialone	0.05
Dinotefuran	0.05
Diphacinone	0.01
Esfenvalerate	0.02
fipronil	166.83
Glyphosate	287.63
Hydramethylnon	2.78
Hydroprene	1.92

Imidacloprid	275.67
Indoxacarb	0.36
Lambdacyhalothrin	99.46
Methoprene	54.61
Metsulfuron methyl	0.01
MGK-264	1.51
Naphthalene	6.97
Orthoboric Acid	0.49
Pelargonic Acid	0.01
Permethrin	10.54
Phenethyl Propionate	0.00
Phenothrin	2.42
Phenyl phenol	0.01
Piperonyl butoxide	94.61
Polybutene	0.48
Propoxur	0.00
Pyrethrins	0.84
Pyrethrum	17.67
Pyriproxyfen	0.38
QUARTERNARY AMMONIUM COMPOUNDS	0.18
Rotenone	0.05
Sulfometuron methyl	0.05
Sulfur	27.86
Thyme Oil	0.11
Zinc phosphide	0.01
TOTAL S - General pest control, structural, food processing	3,545.56

#### T - Tree Fruits

Aminoethoxyvinylglycine hydrochloride	3.30
Bacillus thuringiensis var. kurstaki	2.16
Calcium Polysulfide	10.20
Captan	62.80
Carbaryl	54.01
Dichlobenil	4.25
Esfenvalerate	1.16
Ethylenebis dithio carbamate	0.29
Fenpropathrin	2.40
Glyphosate	24.00
Indoxacarb	0.79
Kaolin	475.00
KRESOXIM-METHYL	2.25
Malathion	0.00
Manganese	0.08
Methoxychlor	0.24
Myclobutanil	1.09
Naphthaleneacetic acid	0.18
Paraffinic Oil	43.04
Permethrin	7.87
Phosmet	70.70
Pyrethrins	86.27
Spinetoram	3.12
Thiacloprid	8.00
Trifloxystrobin	5.84
Zinc - elemental	25.21

Zinc phosphide	1.00
TOTAL T - Tree Fruits	895.24

**U - Electrical Utility, substations, pipelines**

2,4-D	8.10
Aminopyralid	11.52
Chlorsulfuron	0.27
Cypermethrin	2.42
Fosamine ammonium	220.24
Glyphosate	7,795.69
Imazapyr	73.82
Methyl isothiocyanate	15,907.27
Metsulfuron methyl	1,393.72
Prometon	1.06
Sulfometuron methyl	1.45
Triclopyr	395.10
TOTAL U - Electrical Utility, substations, pipelines	25,810.66

**V - Small fruits & vegetables**

Azoxystrobin	4.89
Dichlobenil	0.13
Glyphosate	0.60
KRESOXIM-METHYL	0.16
Myclobutanil	0.10
Spinetoram	0.26
TOTAL V - Small fruits & vegetables	6.13

**W - Wood treatment**

Copper	43.10
TOTAL W - Wood treatment	43.10

**X - Field & forage**

2,4-D	156.40
Triclopyr	78.20
TOTAL X - Field & forage	234.60

TOTAL Statewide	569,723.81
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GRAND TOTAL	569,723.81
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