

**Commercial Applicator Pesticide Usage Host Group Summary**  
**Pounds of Active Ingredient Statewide**  
**Reporting Year: 2011**

**B - Birds/bats**

3-Chloro-p-toluidine hydrochloride	5.58
TOTAL B - Birds/bats	5.58

**C - Corn**

2,4-D	550.09
Acetochlor	7,989.40
Aminopyralid	5.00
Atrazine	70,084.45
Azadirachtin	0.39
CGA-77102	9,003.55
Dicamba	1,493.43
Dimethenamid	261.00
Glyphosate	23,764.82
Halosulfuron	68.99
Lambdacyhalothrin	184.91
Mesotrione	1,739.62
Metolachlor	58,598.73
Nicosulfuron	4.00
Pendimethalin	22,599.85
Primisulfuron methyl	16.36
Prosulfuron	5.70
Rimsulfuron	443.67
Sethoxydim	1.53
Simazine	3,662.70
Thifensulfuron methyl	68.94
Thifensulfuron-methyl	21.41
Topramezone	2.35
TOTAL C - Corn	200,570.89

**D - Cooling towers**

2,2-Dibromo-3-nitropropionamide	8.35
2-Bromo-2-nitropropane-1,3-dol	216.09
2-Methyl-4-isothiazolin-3-one	72.08
5-Chloro-2-methyl-4-isothiazolin-3-one	115.76
Bromine	64.80
Busan 77	754.68
Chlorine	66.60
Dazomet	180,182.20
DBNPA	33.36
Glutaraldehyde	37.40
HYDROGEN PEROXIDE	14.58
Methylene bistiocyanate	14,193.18
Sodium Bromide	141.57
Sodium hypochlorite	8,375.47
Sodium O-phenylphenate	23,385.80
TOTAL D - Cooling towers	227,661.91

**E - Golf Course**

2,4-D	408.35
2,4-Dichlorophenoxyacetic Acid	13.90
Aluminum tris	508.80

Azoxystrobin	44.40
Bifenthrin	33.11
Carbaryl	30.00
Carfentrazone-ethyl	7.62
Chlorantraniliprole	20.76
Chloroneb	282.48
Chlorothalonil	12,492.76
Chlorpyrifos	456.38
Clopyralid	22.90
Clothianidin	7.24
Copper hydroxide	41.40
Cyfluthrin	5.50
Dicamba	38.85
Dichloro-8-quinolinecarboxylic acid	9.84
Dithiopyr	90.72
Ethephon	1,023.18
Fenoxaprop-ethyl	0.29
Fludioxonil	153.94
Fluoxastrobin	14.76
Flurprimidol	52.80
Flutoanil	26.60
Glyphosate	177.61
Halofenozide	60.29
HYDROGEN PEROXIDE	38.25
Imidacloprid	166.24
Indoxacarb	141.44
Iprodione	1,415.81
Isoxaben	7.50
Lambdacyhalothrin	0.76
Mancozeb	1,488.54
MCPA	8.51
MCPP	156.61
Mecoprop	20.91
Mefluidide	3.58
Mesotrione	1.00
Metalaxyl	6.75
Metconazole	16.78
Mineral Oil	5,789.69
Myclobutanil	28.80
Paclobutrazol	48.96
PCNB	348.11
Propamocarb hydrochloride	104.76
Propiconazole	834.68
Pymetrozine	1.00
Quinclorac	69.83
Sethoxydim	0.12
Siduron	3.50
Spinosad	0.47
Sulfentrazone	2.00
Thiamethoxam	1.35
Thiophanate	774.20
Triadimefon	129.66
Trichlorfon	7.00
Triclopyr	43.74
Trifloxystrobin	10.25

Trinexapac-ethyl	132.60
Vinclozolin	610.19
TOTAL E - Golf Course	28,438.00

**F - Forestry**

Diquat	0.44
Fosamine ammonium	0.72
Glyphosate	699.68
Imazapyr	4.74
Triclopyr	184.93
TOTAL F - Forestry	890.51

**G - Lawncare**

2,4-D	5,893.69
2,4-Dichlorophenoxyacetic Acid	5,913.03
Allethrin	0.04
Bifenthrin	13.52
Carbaryl	12.00
Carfentrazone-ethyl	1.08
Chlorantraniliprole	3.82
Chloroneb	7.50
Chlorothalonil	28.72
Chlorpyrifos	105.00
Clopyralid	2.88
Copper hydroxide	3.22
Dicamba	499.33
Dichloro-8-quinolinecarboxylic acid	4.46
Diquat	60.95
Dithiopyr	163.45
Diuron	27.38
Fenoxaprop-ethyl	0.45
Fludioxonil	0.06
Fluroxypyr	0.20
Glyphosate	1,941.13
Halosulfuron	0.05
Imazapyr	3.42
Imidacloprid	481.39
Iprodione	3.54
Isoxaben	1.63
Lambdacyhalothrin	0.01
Mancozeb	1.05
MCPA	1,800.53
MCPP	292.22
Mecoprop	3.07
Mesotrione	0.24
Metalaxyl	0.60
Methanearsonic acid	0.00
Mineral Oil	40.83
Myclobutanil	1.97
Pendimethalin	33.91
Prodiamine	29.83
Propiconazole	0.38
Quinclorac	59.20
Siduron	30.21
Sulfentrazone	0.18
Thiophanate	8.58

Triadimefon	996.18
Trichlorfon	104.54
Triclopyr	2,279.17
Trifluralin	6.50
TOTAL G - Lawncare	20,861.14

#### H - Highway

Glyphosate	334.03
Metsulfuron methyl	0.00
Sulfometuron methyl	0.01
TOTAL H - Highway	334.05

#### M - Mosquitos

Bacillus thuringiensis var. israelensis	1,220.00
Permethrin	2.49
TOTAL M - Mosquitos	1,222.49

#### O - Ornamental, shade trees

2,4-D	3.42
2,4-DP	0.01
Acephate	17.55
Ammonium Salts of Fatty Acids	0.28
Bacillus thuringiensis var. kurstaki	0.34
Bifenthrin	585.91
Bromoxynil	9.31
Captan	0.06
Carbaryl	29.23
Chlorothalonil	3,374.38
Copper hydroxide	44.97
Copper oxychloride	0.03
Copper sulfate	0.00
Dicamba	0.00
Diclotophos	0.01
Dinotefuran	0.05
Diquat	21.50
Fenarimol	0.02
Flurprimidol	20.00
Glufosinate ammonium	0.79
Glyphosate	898.77
Hexakis	0.00
Imidacloprid	13,898.97
Isoxaben	2.38
Malathion	0.00
Mancozeb	19.80
Mefenoxam	0.01
Metalaxyl	0.24
Metalddehyde	0.04
Methoxychlor	0.06
MGK-264	1.97
Mineral Oil	1.62
Myclobutanil	349.29
Pendimethalin	7.67
Permethrin	10.52
Phosmet	42.00
Piperonyl butoxide	13.62
Propiconazole	9.82
Pymetrozine	0.02

Pyrethrum	1.83
Pyriproxyfen	376.28
Spinosad	0.19
Spiromesifen	0.45
Superior oil	281.34
Tebuconazole	0.02
Thiabendazole	0.12
Thiophanate	30.85
Triclopyr	0.08
Trifluralin	9.50
TOTAL O - Ornamental, shade trees	20,065.30

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

Abamectin	0.00
Ammonium chloride	10.00
Ancymidol	0.00
Azadirachtin	0.00
Bifenthrin	0.01
Carboxin	0.32
Chlorfenapyr	0.03
Chlorothalonil	0.41
Diphacinone	0.00
Etridiazole	0.60
Glyphosate	168.92
HYDROGEN PEROXIDE	2.47
Malathion	0.56
Neem Oil	0.39
Novaluron	0.00
Oryzalin	8.00
Paraquat	15.00
Permethrin	0.20
Piperonyl butoxide	0.03
Potassium salts of fatty acids	0.25
Prodiamine	1.95
Pymetrozine	0.03
Pyrethrum	0.01
Simazine	0.44
Spinosad	0.00
Thiamethoxam	0.01
Thiophanate	1.00
Triadimefon	0.01
Triclopyr	9.94
Zinc phosphide	3.00
TOTAL P - Plant propagation, greenhouse, nurseries,Christmas trees	223.58

**Q - Aquatic**

2,4-D	6.48
Bromacil	6.48
Copper	0.72
Diquat	10.82
Fluridone	15.53
Glyphosate	12.03
TFM	1,823.20
Triclopyr	2,378.88
TOTAL Q - Aquatic	4,254.14

**R - Railroad**

2,4-D	0.95
Glyphosate	3,132.00
Metsulfuron methyl	47.57
Sulfometuron methyl	178.40
TOTAL R - Railroad	3,358.92

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

2-Phenethyl Propionate	7.97
Abamectin	0.01
Benzene acetate	0.20
Bifenthrin	254.00
Borax	895.27
Boric acid	15.65
Brodifacoum	0.19
Bromadiolone	0.22
Bromethalin	0.00
Butyl carbamate	0.25
Chlorfenapyr	27.67
Chlorophacinone	0.00
Cyfluthrin	78.03
Cypermethrin	235.18
Deltamethrin	75.30
Difethialone	0.10
Dinotefuran	0.04
Diphacinone	0.01
Esfenvalerate	0.19
fipronil	100.90
Glyphosate	16.00
Hydramethylnon	51.94
Hydroprene	333.32
Imidacloprid	71.17
Indoxacarb	0.41
Lambdacyhalothrin	100.09
Methomyl	0.00
Methoprene	164.70
MGK-264	1.04
Naphthalene	2.52
Orthoboric Acid	0.14
Permethrin	18.43
Phenethyl Propionate	0.00
Phenothrin	6.25
Piperonyl butoxide	94.57
Propoxur	0.00
Pyrethrins	2.95
Pyrethrum	16.35
Pyriproxyfen	0.20
QUARTERNARY AMMONIUM COMPOUNDS	0.33
RAK *1	0.00
Rotenone	0.10
Sulfur	10.08
Tetramethrin	0.00
Thiamethoxam	0.00
Thyme Oil	0.17
Zinc phosphide	0.00

TOTAL S - General pest control, structural, food processing 2,581.95

**T - Tree Fruits**

Bacillus thuringiensis var. kurstaki	7.50
Captan	0.22
Carbaryl	16.01
Carfentrazone-ethyl	0.00
Copper hydroxide	44.35
Dichlobenil	0.47
Esfenvalerate	0.12
Ethylenebis dithio carbamate	1.31
Fenpropathrin	21.83
Glyphosate	12.80
Indoxacarb	0.02
Kaolin	406.13
KRESOXIM-METHYL	0.26
Lambdacyhalothrin	0.00
Malathion	0.00
Mancozeb	36.15
Manganese	0.34
Methoxychlor	0.22
Myclobutanil	1.94
Naphthaleneacetic acid	0.09
Paraffinic Oil	42.48
Permethrin	11.41
Phosmet	4.20
Pyrethrins	0.02
Spinetoram	2.73
Spinosad	3.67
Streptomycin	0.00
Superior oil	36.00
Thiacloprid	0.37
Trifloxystrobin	0.54
Zinc - elemental	0.04
Zinc phosphide	0.16
TOTAL T - Tree Fruits	651.36

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

2,4-D	3.20
Aminopyralid	11.04
Bifenthrin	4.60
Chlorpyrifos	0.36
Chlorsulfuron	71.33
Copper naphthenate	253.70
Copper quinolinolate	38.34
Cypermethrin	0.77
Diuron	13.60
Fosamine ammonium	1,550.92
Glyphosate	5,518.41
Imazapyr	593.42
Imidacloprid	0.11
Methyl isothiocyanate	13,473.54
Metsulfuron methyl	222.32
Pendimethalin	9.14
Sodium fluoride	51.63
Sodium Tetraborate Decahydrate	5,583.47

Sulfometuron methyl	201.80
Tebuconazole	24.54
Triclopyr	1,506.39
TOTAL U - Electrical Utility, substations, pipelines	29,132.63

**V - Small fruits & vegetables**

Atrazine	2.67
Azoxystrobin	36.41
Clomazone	315.75
Diquat	40.00
Ethalfuralin	1,010.40
Glyphosate	1.00
Kaolin	3.09
Metolachlor	3.33
Paraquat	1.00
Pyrethrins	0.01
Spinosad	0.03
TOTAL V - Small fruits & vegetables	1,413.69

**W - Wood treatment**

Copper	32.79
Copper naphthenate	11.33
Propiconazole	78.64
TOTAL W - Wood treatment	122.76

**X - Field & forage**

2,4-D	2.00
Aminopyralid	7.25
Atrazine	1,264.73
CGA-77102	621.22
Dicamba	58.27
Dichloro-8-quinolinecarboxylic acid	1.50
Esfenvalerate	8.84
Glyphosate	30,997.93
Halosulfuron	0.08
Lambdacyhalothrin	0.60
Mesotrione	6.21
Nicosulfuron	0.48
Rimsulfuron	0.24
Simazine	126.00
Triclopyr	1.00
TOTAL X - Field & forage	33,096.36

TOTAL Statewide	574,885.27
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<b>GRAND TOTAL</b>	<b>574,885.27</b>
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