

**Commercial Applicator Pesticide Usage Host Group Summary**  
**Pounds of Active Ingredient Statewide**  
**Reporting Year: 2007**

**A - Animal**

Brodifacoum	0.01
TOTAL A - Animal	0.01

**B - Birds/bats**

3-Chloro-p-toluidine hydrochloride	2.11
TOTAL B - Birds/bats	2.11

**C - Corn**

2,4-D	198.50
Acetochlor	151.81
Alachlor	1,028.00
Atrazine	51,601.69
Azoxystrobin	2.06
Bifenthrin	1.34
Bromoxynil	1.88
Carbaryl	100.00
Chlorimuron ethyl	0.16
Clopyralid	441.20
Dicamba	3,992.31
Esfenvalerate	32.14
Ethalfuralin	1,243.20
Flumetsulam	26.40
Glyphosate	222.00
Halosulfuron	13.47
Lambdacyhalothrin	18.16
Linuron	1.00
Mesotrione	254.61
Metolachlor	1,079.95
Nicosulfuron	123.63
Pendimethalin	1,383.89
Primisulfuron	3.00
Rimsulfuron	26.77
Simazine	23,141.83
Thifensulfuron-methyl	313.89
TOTAL C - Corn	85,402.88

**D - Cooling towers**

2-Methyl-4-isothiazolin-3-one	11,947.38
ALKYL DIMETHYLBENZYL AMMONIUM CHLORIDE	5,994.00
Busan 77	1,756.05
Butyl carbamate	0.50
Dazomet	177,296.20
DBNPA	807.31
Dibromonitropropionamide	86,685.80
Methylene bithiocyanate	14,046.15
TOTAL D - Cooling towers	298,533.39

**E - Golf Course**

2,4-D	369.49
Azoxystrobin	39.41

Bensulide	11.01
Benzothiazole	4.76
Bifenthrin	6.80
Carbaryl	11.52
Carfentrazone-ethyl	2.23
Chloroneb	801.64
Chlorothalonil	7,368.17
Chlorpyrifos	93.55
Clopyralid	6.37
Copper hydroxide	13.80
Cyfluthrin	6.04
Deltamethrin	2.53
Dichloro-8-quinolinecarboxylic acid	11.11
Diquat	0.07
Dithiopyr	39.42
Ethephon	793.38
Fenoxaprop-ethyl	0.51
Glufosinate ammonium	0.20
Glyphosate	34.12
Halofenozide	40.15
HYDROGEN PEROXIDE	84.94
Imidacloprid	32.63
Iprodione	1,377.09
Lambdacyhalothrin	0.45
Mancozeb	242.00
Manganese	1,712.00
Mefluidide	3.00
Metalaxyl	12.11
Metiram	19.20
Myclobutanil	12.00
Paclobutrazol	17.13
PCNB	5,102.75
Propamocarb hydrochloride	102.00
Propiconazole	132.98
Spinosad	3.80
Thiophanate	339.60
Triadimefon	62.80
Trichlorfon	1.86
Triclopyr	15.14
Trifloxystrobin	40.25
Trifluralin	1.00
Trinexapac-ethyl	146.10
Vinclozolin	491.63
TOTAL E - Golf Course	19,608.75

#### **F - Forestry**

Dicamba	0.13
Glyphosate	114.31
Triclopyr	0.31
TOTAL F - Forestry	114.75

#### **G - Lawncare**

2,4-D	1,784.70
Bacillus popilliae	0.01
Benefin (benfluralin)	4.26

Bifenthrin	8.72
Carfentrazone-ethyl	0.48
Chloroneb	2.65
Chlorothalonil	29.91
Cypermethrin	0.20
Deltamethrin	0.62
Dicamba	74.35
Dichloro-8-quinolinecarboxylic acid	12.70
Diquat	15.58
Dithiopyr	16.98
Extract of Neem Oil	0.14
Fenoxaprop-ethyl	0.57
Glufosinate ammonium	0.25
Glyphosate	128.14
Imidacloprid	143.01
Iprodione	0.31
MSMA	60.00
Oryzalin	1.00
PCNB	90.00
Pendimethalin	496.94
Permethrin	0.01
Prodiamine	54.61
Prometon	6.00
Propiconazole	0.60
Pyrethrum	0.05
Siduron	5.57
Sulfur	0.17
Thiophanate	2.88
Triadimefon	0.90
Trichlorfon	211.40
Triclopyr	27.92
Trifluralin	12.90
TOTAL G - Lawncare	3,194.50

#### **H - Highway**

Glyphosate	0.48
TOTAL H - Highway	0.48

#### **M - Mosquitos**

Atrazine	120.00
Carbaryl	19.20
Phenothrin	30.00
TOTAL M - Mosquitos	169.20

#### **O - Ornamental, shade trees**

2,4-D	537.63
Abamectin	2.80
Acephate	17.53
Azoxystrobin	0.01
Bacillus thuringiensis var. kurstaki	11.18
Bifenthrin	1,573.36
Capsaicin	0.00
Captan	10.00
Carbaryl	9.05
Carfentrazone-ethyl	7.84
Chlorothalonil	36.82

Chlorpyrifos	1.00
Copper hydroxide	12.97
Cyfluthrin	1.16
Cypermethrin	0.07
Dicrotophos	3.42
Diquat	13.64
Ethephon	5.28
Fenarimol	64.00
Glyphosate	567.68
Imidacloprid	69.82
Lambdacyhalothrin	0.09
Mancozeb	45.22
Manganese	0.56
Metalaxyl	137.84
MSMA	36.45
Myclobutanil	0.80
Naphthaleneacetic acid	0.02
Oryzalin	5.00
Oxytetracycline Calcium	0.00
Paraffinic Oil	128.00
Pendimethalin	0.01
Permethrin	800.33
Phorate	30.80
Piperonyl butoxide	0.77
Potassium Phosphite	4.20
Potassium salts of fatty acids	0.37
Prodiamine	3.25
Propiconazole	99.22
Pyrethrum	0.06
Spinosad	24.30
Sulfur	5.04
Superior oil	1,619.04
Trifluralin	10.11
Trinexapac-ethyl	3.70
TOTAL O - Ornamental, shade trees	5,900.45

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

Abamectin	0.00
Ammonium chloride	0.16
Ancymidol	0.00
Azadirachtin	0.01
Bacillus thuringiensis var. israelensis	1.50
Bifenthrin	0.04
Carboxin	0.12
Chloromequat chloride	2.00
Chlorothalonil	0.04
Cyfluthrin	0.00
Diquat	0.00
Fenpropathrin	0.18
Glyphosate	77.82
HYDROGEN PEROXIDE	0.28
Malathion	0.57
Neem Oil	0.21
Paraffinic Oil	2.62
Piperonyl butoxide	0.06

Potassium salts of fatty acids	0.48
Pymetrozine	0.71
Simazine	7.80
S-Kiroprene	0.02
Spinosad	0.06
Thiophanate	2.71
Trichoderma harzianum	0.46
Triclopyr	1.08
TOTAL P - Plant propagation, greenhouse, nurseries,Christmas trees	98.94

#### **Q - Aquatic**

Bacillus thuringiensis var. israelensis	152.00
Copper	0.90
Glyphosate	4.70
TFM	2,310.40
TOTAL Q - Aquatic	2,468.00

#### **R - Railroad**

Glyphosate	994.10
Sulfometuron methyl	12.47
TOTAL R - Railroad	1,006.57

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

Abamectin	0.02
Allethrin	0.01
Bendiocarb	0.11
Bifenthrin	1,154.99
Borax	589.26
Boric acid	128.88
Brodifacoum	0.28
Bromadiolone	0.16
Bromethalin	0.00
Carbaryl	16.00
Chlorfenapyr	9.70
Chlorophacinone	0.01
Cyfluthrin	33.97
Cypermethrin	253.83
Deltamethrin	81.57
Dichlorvos	0.10
Difethialone	0.04
Diphacinone	0.01
Esfenvalerate	0.15
Fipronil	0.00
Glyphosate	6.80
Hydramethylnon	2.91
Hydroprene	96.71
Imidacloprid	0.00
Lambdacyhalothrin	72.52
Methomyl	0.01
Methoprene	3.72
Naphthalene	4.55
Pelargonic Acid	63.00
Perfluorooctanesulfonamide	0.08
Permethrin	35.11
Phenethyl Propionate	0.00

Piperonyl butoxide	23.62
Propetamphos	0.28
Propoxur	0.08
Pyrethrum	4.05
Pyriproxyfen	0.03
QUARTERNARY AMMONIUM COMPOUNDS	13.75
Sulfluramid	0.00
Tetramethrin	0.01
Zinc phosphide	0.06
TOTAL S - General pest control, structural, food processing	2,596.38

#### **T - Tree Fruits**

Atrazine	1.34
Azinphos-methyl	1.71
Bacillus thuringiensis var. kurstaki	5.94
Captan	171.96
Carbaryl	36.46
Esfenvalerate	0.29
Ethalfuralin	0.80
Extract of Neem Oil	3.26
Fenpropathrin	8.18
Glyphosate	25.00
Indoxacarb	0.27
Kaolin	356.25
Malathion	27.50
Mancozeb	21.75
Manganese	0.90
Naphthaleneacetic acid	0.06
Paraquat	0.06
Streptomycin	0.10
Sulfur	96.18
Superior oil	48.84
TOTAL T - Tree Fruits	806.85

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

2,4-D	9.39
Carbaryl	60.00
Dichlobenil	6.24
Diquat	33.57
Fosamine ammonium	2,435.16
Glyphosate	3,346.90
Imazapyr	342.22
Imidacloprid	0.77
Mefluidide	0.08
Metsulfuron methyl	34.81
Naphthaleneacetic acid	0.04
Norflurazon	10.69
Permethrin	5.10
Sulfometuron methyl	51.00
Thiophanate	3.59
Triclopyr	1,746.71
TOTAL U - Electrical Utility, substations, pipelines	8,086.27

#### **W - Wood treatment**

Borax	46.04
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Methyl isothiocyanate	12,191.88
TOTAL W - Wood treatment	12,237.92

**X - Field & forage**

2,4-D	91.99
Atrazine	488.22
Esfenvalerate	1.52
Glyphosate	84.85
Imazethapyr	1.74
Lambdacyhalothrin	3.56
Metam-sodium	1,520.82
Metolachlor	16.27
Nicosulfuron	2.63
Simazine	16.00
Streptomycin	0.17
Triclopyr	10.00
TOTAL X - Field & forage	2,237.76
TOTAL Statewide	442,465.20
<b>GRAND TOTAL</b>	<b>442,465.20</b>