

Commercial Applicator Pesticide Usage Host Group Summary
Pounds of Active Ingredient Statewide
Reporting Year: 2013

B - Birds/bats

3-Chloro-p-toluidine hydrochloride	3.54
TOTAL B - Birds/bats	3.54

C - Corn

2,4-D	152.01
2,4-Dichlorophenoxyacetic Acid	38.00
Acetochlor	18,189.00
Atrazine	59,897.29
Bifenthrin	44.75
CGA-77102	6,941.21
Clomazone	1.25
Clopyralid	144.64
Copper hydroxide	1.84
Dicamba	949.88
Ethalfuralin	4.00
Flumetsulam	44.60
Glyphosate	20,849.76
Halosulfuron	192.35
Lambdacyhalothrin	213.07
MCPA	42.00
Mesotrione	443.02
Metolachlor	31,924.21
Nicosulfuron	19.67
Pendimethalin	1,943.28
Primisulfuron methyl	10.71
Prometon	51.00
Prosulfuron	6.94
Rimsulfuron	254.17
Sethoxydim	5.26
Simazine	6,060.43
Thifensulfuron methyl	42.84
Thifensulfuron-methyl	1.02
Triclopyr	26.70
TOTAL C - Corn	148,494.89

D - Cooling towers

2,2-Dibromo-3-nitropropionamide	20,722.20
2-Bromo-2-nitropropane-1,3-dol	246.96
2-Methyl-4-isothiazolin-3-one	71.60
5-Chloro-2-methyl-4-isothiazolin-3-one	132.50
ALKYL DIMETHYLBENZYL AMMONIUM CHLORIDE	37,298.22
Bromine	164.40
Busan 77	88.82
Chlorine	33.30
Chlorine dioxide	0.02
Cypermethrin	0.48
Dazomet	191,849.40
DBNPA	30.97
Glutaraldehyde	85.00
HYDROGEN PEROXIDE	58.32

Methylene bithiocyanate	14,487.24
Myclobutanil	0.03
QUARTERNARY AMMONIUM COMPOUNDS	7,140.43
Sodium Bromide	235.31
Sodium hypochlorite	8,227.29
Sodium O-phenylphenate	661.20
Trichloro-s-triazinetrione	2,787.00
TOTAL D - Cooling towers	284,320.68

E - Golf Course

2,4-D	508.03
2,4-Dichlorophenoxyacetic Acid	13.99
Aluminum tris	407.20
Aminopyralid	0.31
Atrazine	55.89
Azoxystrobin	29.91
Bensulide	2.40
Bifenthrin	22.68
Boscald	1,259.09
Carbaryl	20.00
Carfentrazone-ethyl	22.23
Chlorantraniliprole	32.67
Chloroneb	175.61
Chlorothalonil	8,477.26
Chlorpyrifos	4.22
Clopyralid	22.32
Clothianidin	11.73
Copper hydroxide	33.12
Dicamba	38.06
Dichloro-8-quinolinecarboxylic acid	9.02
Dithiopyr	145.35
Ethephon	333.20
Fludioxonil	93.43
Fluoxastrobin	3.69
Fluroxypyr	2.22
Flurprimidol	21.77
Flutoanil	31.50
Glyphosate	95.14
HYDROGEN PEROXIDE	22.50
Imidacloprid	2,369.58
Indoxacarb	84.77
Iprodione	1,093.50
Isoxaben	6.00
Lambdacyhalothrin	0.30
Mancozeb	1,291.88
MCPA	9.42
MCPP	151.66
Mecoprop	23.48
Mefluidide	8.92
Mesotrione	0.64
Metalaxyl	5.24
Metconazole	12.78
Mineral Oil	4,465.17
Myclobutanil	26.40
Paclobutrazol	73.86
PCNB	149.62

Pendimethalin	5.87
Prodiamine	17.88
Propamocarb hydrochloride	181.68
Propiconazole	634.64
Pymetrozine	0.59
Pyraclostrobin	426.82
Quinclorac	33.92
Sethoxydim	3.45
Siduron	44.80
Spinosad	24.00
Sulfentrazone	2.93
Thiamethoxam	6.53
Thiophanate	783.29
Triadimefon	161.41
Trichlorfon	4.55
Triclopyr	68.22
Trifloxystrobin	10.29
Trinexapac-ethyl	97.37
Vinclozolin	622.40
TOTAL E - Golf Course	24,798.39

F - Forestry

Aminopyralid	0.86
Diquat	0.02
Glyphosate	1,418.28
Imidacloprid	0.05
Metsulfuron methyl	0.24
Pelargonic Acid	0.00
Phosphoric Acid	0.36
Pyrethrins	0.02
Triclopyr	186.67
TOTAL F - Forestry	1,606.51

G - Lawncare

2,4-D	1,293.00
2,4-Dichlorophenoxyacetic Acid	538.02
2,4-DP	20.00
Azoxystrobin	0.37
Bacillus popilliae	0.12
Bifenthrin	21.37
Carfentrazone-ethyl	7.15
Chlorantraniliprole	2.10
Chloroneb	8.15
Chlorothalonil	22.74
Chlorpyrifos	240.15
Clothianidin	1.15
Copper hydroxide	3.22
Dicamba	152.24
Dichloro-8-quinolinecarboxylic acid	1.50
Diquat	25.39
Dithiopyr	104.39
Fenoxaprop-ethyl	3.13
Fludioxonil	0.08
Glyphosate	1,735.40
Halosulfuron	16.00
Imazapic	0.15

Imidacloprid	962.17
Iprodione	7.05
Isoxaben	1.55
Mancozeb	1.05
MCPA	153.31
MCPP	318.71
Mecoprop	14.79
Mesotrione	1.28
Metalaxyl	0.24
Methanearsonic acid	0.00
Myclobutanil	0.31
Pelargonic Acid	0.40
Prodiamine	81.12
Prometon	27.18
Propiconazole	0.51
Propionic acid	51.34
Quinclorac	50.54
Siduron	8.42
Simazine	5.96
Sulfentrazone	0.15
Thiophanate	4.08
Triadimefon	0.19
Trichlorfon	105.80
Triclopyr	94.85
Trifluralin	6.20
TOTAL G - Lawncare	6,093.02

H - Highway

Diquat	0.07
Glyphosate	1,858.10
Metsulfuron methyl	28.76
Sulfometuron methyl	107.86
Triclopyr	37.98
TOTAL H - Highway	2,032.78

M - Mosquitos

Bacillus sphaericus	93.00
Bacillus thuringiensis var. israelensis	0.57
Bifenthrin	1.32
Malathion	465.30
Permethrin	9.21
Phenothrin	74.20
Piperonyl butoxide	96.46
TOTAL M - Mosquitos	740.06

O - Ornamental, shade trees

2,4-D	0.65
2,4-DP	0.02
Acephate	17.53
Bacillus thuringiensis var. kurstaki	0.03
Bifenthrin	1,504.03
Bromoxynil	19.50
Carbaryl	30.16
Chlorothalonil	21,834.52
Copper hydroxide	6.45
Dicamba	0.06
Diquat	18.66

Disulfoton	0.00
Flurprimidol	40.50
Glyphosate	1,235.62
Imazapic	0.05
Imidacloprid	5,237.35
Mancozeb	10.88
MCPP	0.33
Mefenoxam	644.50
Metalaxyl	0.39
Mineral Oil	571.62
Myclobutanil	5.03
Neem Oil	15.02
Oryzalin	8.00
Pendimethalin	7.60
Permethrin	2,278.83
Phosmet	42.70
Phosphoric Acid	184.49
Piperonyl butoxide	225.25
Potassium salts of fatty acids	0.12
Prodiamine	5.94
Prometon	1.24
Propiconazole	198.35
Pymetrozine	0.01
Pyrethrins	11.76
Pyrethrum	22.53
Pyriproxyfen	5.86
Spinosad	19.50
Spiromesifen	122.13
Sulfur	1,440.00
Superior oil	359.76
Tebuconazole	0.11
Thiabendazole	583.66
Thiophanate	6.56
Triclopyr	6.65
TOTAL O - Ornamental, shade trees	36,723.93

P - Plant propagation, greenhouse, nurseries,Christmas trees

Abamectin	0.00
Azadirachtin	0.03
Beauveria bassiana	0.04
Bifenthrin	0.01
Carboxin	0.00
Chlorfenapyr	0.03
Copper hydroxide	5.75
Diphacinone	0.00
Etridiazole	0.45
Glyphosate	49.31
HYDROGEN PEROXIDE	2.25
Isoxaben	0.38
Malathion	1.25
Mancozeb	1.88
Myclobutanil	0.02
Oryzalin	8.00
Oxyfluorfen	1.00
Paraffinic Oil	0.91
Paraquat	8.00

Pendimethalin	0.50
Potassium salts of fatty acids	0.28
Prodiamine	7.91
Pymetrozine	0.15
Pyrethrins	0.02
Pyridalyl	0.01
Pyriproxyfen	0.03
Simazine	10.40
Spinosad	0.02
Thiamethoxam	0.00
Thiophanate	0.75
Triclopyr	2.17
Trifluralin	1.50
Zinc phosphide	0.04
TOTAL P - Plant propagation, greenhouse, nurseries, Christmas trees	103.07
Q - Aquatic	
2,4-D	2.25
Bromacil	2.25
Glyphosate	12.85
TFM	5,116.40
Triclopyr	2,303.84
TOTAL Q - Aquatic	7,437.59
R - Railroad	
Deltamethrin	0.08
Glyphosate	2,322.41
Imazapyr	17.53
Sulfometuron methyl	224.78
TOTAL R - Railroad	2,564.80
S - General pest control, structural, food processing	
2-Phenethyl Propionate	0.91
3-phenoxybenzyl-(1RS,3RS,1SR,3SR)-2,2-dimethyl-3-(2-methylprop-1-enyl)cyclopropanecarboxylate	0.03
Abamectin	0.01
Allethrin	0.00
Amorphous Silica	3.10
Atrazine	2.75
Bacillus thuringiensis var. israelensis	0.03
Benzene acetate	0.51
Bifenthrin	303.78
Borax	745.41
Boric acid	5.55
Brodifacoum	0.09
Bromadiolone	0.36
Bromethalin	0.00
Chlorfenapyr	39.91
Chlorophacinone	0.01
Cyfluthrin	123.94
Cypermethrin	106.20
Deltamethrin	41.61
Diatomaceous earth	206.00
Dicamba	0.04
Difethialone	0.11
Dimethenamid	2.25
Dinotefuran	0.01

Diphacinone	0.01
Diquat	0.05
Esfenvalerate	0.07
Eugenol	0.00
fipronil	72.71
Glyphosate	8.91
Hydramethylnon	3.35
Hydroprene	0.83
Imazapic	0.02
Imidacloprid	42.73
Indoxacarb	0.69
Lambdacyhalothrin	77.56
MCPA	0.41
Methomyl	0.00
Methoprene	116.26
MGK-264	1.51
Naphthalene	3.50
Niviflumuron	0.03
Orthoboric Acid	0.62
Permethrin	12.72
Phenethyl Propionate	0.00
Phenothrin	4.45
Piperonyl butoxide	81.58
Propoxur	0.01
Pyrethrins	0.63
Pyrethrum	18.94
Pyriproxyfen	0.18
RAK *1	0.00
Rotenone	0.08
Sulfur	14.00
Thyme Oil	0.13
Triclopyr	0.05
Zinc phosphide	0.01
TOTAL S - General pest control, structural, food processing	2,044.63

T - Tree Fruits

Aminoethoxyvinylglycine hydrochloride	1.50
Bacillus thuringiensis var. kurstaki	10.54
Calcium Polysulfide	24.27
Captan	53.61
Carbaryl	35.21
Chlorothalonil	0.06
Esfenvalerate	0.66
Ethylenebis dithio carbamate	0.87
Glyphosate	16.00
Indoxacarb	0.67
Kaolin	1.90
KRESOXIM-METHYL	1.66
Malathion	0.29
Mancozeb	22.80
Manganese	0.23
Methoxychlor	0.36
Myclobutanil	8.28
Naphthaleneacetic acid	0.06
Paraffinic Oil	200.33
Permethrin	7.65

Phosmet	40.60
Superior oil	48.00
Thiacloprid	0.87
Trifloxystrobin	21.18
Zinc - elemental	4.23
TOTAL T - Tree Fruits	501.83

U - Electrical Utility, substations, pipelines

2,4-D	33.43
Aminopyralid	4.68
Bifenthrin	50.41
Chlorsulfuron	0.79
Copper naphthenate	91.02
Copper quinolinolate	420.11
Cypermethrin	1.28
Dichlobenil	6.65
Fosamine ammonium	232.84
Glyphosate	2,990.20
Imazapyr	14.20
Methyl isothiocyanate	11,819.36
Metsulfuron methyl	9.91
Sodium fluoride	18.52
Sodium Tetraborate Decahydrate	61,184.46
Sulfometuron methyl	2.51
Tebuconazole	268.87
Triclopyr	311.82
TOTAL U - Electrical Utility, substations, pipelines	77,461.05

V - Small fruits & vegetables

Bacillus thuringiensis var. kurstaki	0.22
Captan	0.02
Carbaryl	0.64
Clomazone	2.50
Ethalfuralin	8.00
KRESOXIM-METHYL	0.13
Malathion	0.00
Mancozeb	5.40
Metam-sodium	1,384.50
Methoxychlor	0.02
Myclobutanil	0.15
TOTAL V - Small fruits & vegetables	1,401.58

W - Wood treatment

Bifenthrin	0.54
Copper quinolinolate	4.50
Propiconazole	78.64
Sodium Tetraborate Decahydrate	655.38
Tebuconazole	2.88
TOTAL W - Wood treatment	741.94

X - Field & forage

Atrazine	280.81
CGA-77102	1.10
Diquat	0.02
Glyphosate	7.57
Mesotrione	0.01

Nicosulfuron	0.01
TOTAL X - Field & forage	289.52
TOTAL Statewide	597,359.79
GRAND TOTAL	597,359.79