

2019 Annual Statewide Pesticide Use Report Indexed by Chemical HUMBOLDT County

Text files of data are available at <<https://files.cdpr.ca.gov/pub/outgoing/pur/data/>>. Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit, Apps = Number of agricultural applications, Area treated = cumulative area treated (For example, if a one-acre field was treated three times in a year, the cumulative acres treated would equal three acres), N/A = Not Available: many non-agricultural pesticide use reports are not legally required to report area treated or number of applications. N-outdoor = Outdoor nursery. N-grnhs = Greenhouse nursery. See Pesticide Use Annual Report Data Access, References, and Definitions Guide for more information.

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
abamectin	N-grnhs flower	0.07	10	14.25	A
abamectin	N-outdr flower	0.01	1	1.25	A
abamectin	Structural pest control	<0.01	N/A	N/A	N/A
abamectin, other related	Structural pest control	<0.01	N/A	N/A	N/A
acephate	Structural pest control	0.43	N/A	N/A	N/A
acetamiprid	Structural pest control	0.18	N/A	N/A	N/A
alkyl (50% c14 , 40% c12 , 10% c16) dimethylbenzyl ammonium chloride	Structural pest control	<0.01	N/A	N/A	N/A
alpha-alkyl (c9-c16)-omega-hydroxypoly(oxyethylene)	Forest, timberland	895.78	112	1,753.4	A
alkyl (c8,c10) polyglucoside	Forest, timberland	10.96	4	79.0	A
aluminum phosphide	Golf course turf	5.78	N/A	440.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
aminocyclopyrachlor	Structural pest control	0.02	N/A	N/A	N/A
aminocyclopyrachlor, potassium salt	Rights of way	1.49	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Rights of way	6.9	N/A	N/A	N/A
ammonium nitrate	Forest, timberland	39.3	4	79.0	A
ammonium sulfate	Forest, timberland	58.66	12	268.0	A
azadirachtin	Cannabis (all or unspecified)	1.11	76	237,426.0	S
azoxystrobin	Golf course turf	2.25	N/A	6.25	A
azoxystrobin	N-grnhs flower	0.77	4	2.25	A
bacillus pumilus, strain qst 2808	Apple	0.36	3	3.0	A
bacillus pumilus, strain qst 2808	Cucumber	0.03	2	0.28	A
bacillus pumilus, strain qst 2808	N-grnhs flower	0.02	2	0.75	A
bacillus pumilus, strain qst 2808	Onion, dry	0.11	5	1.05	A
bacillus pumilus, strain qst 2808	Peas	0.06	4	0.56	A
bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	Cannabis (all or unspecified)	0.02	1	483.21	S
bacillus thuringiensis, subsp. israelensis, strain am 65-52	Cannabis (all or unspecified)	11.87	8	18,380.0	S
bacillus thuringiensis (berliner), subsp. kurstaki, strain sa-11	N-grnhs flower	3.6	46	48.5	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
bacillus thuringiensis (berliner), subsp. kurstaki strain sa-12	Cannabis (all or unspecified)	8.7	19	84,000.0	S
beauveria bassiana strain gha	Cannabis (all or unspecified)	78.32	16	238,830.0	S
benzoic acid	Forest, timberland	2.14	17	382.5	A
benzoic acid	Rights of way	0.3	N/A	N/A	N/A
bifenazate	N-grnhs flower	0.62	2	10.0	A
bifenazate	N-outdr flower	0.08	1	1.25	A
bifenthrin	Structural pest control	133.83	N/A	N/A	N/A
borax	Rights of way	1,443.62	N/A	N/A	N/A
borax	Structural pest control	1.1	N/A	N/A	N/A
boric acid	Structural pest control	225.56	N/A	N/A	N/A
boscalid	N-grnhs flower	3.25	31	60.0	A
boscalid	N-grnhs transplants	1.03	2	28,000.0	S
boscalid	Uncultivated ag	2.8	4	14.0	A
brodifacoum	Structural pest control	0.15	N/A	N/A	N/A
bromadiolone	Structural pest control	0.6	N/A	N/A	N/A
1-bromo-3-chloro-5,5-dimethyl hydantoin	Water (industrial)	27.24	N/A	1.0	U
buprofezin	N-grnhs flower	0.09	1	0.25	A
burkholderia sp strain a396 cells and fermentation media	Cannabis (all or unspecified)	106.29	178	221,481.33	S
capric acid	Orchard floor	4.05	1	1.0	A
caprylic acid	Orchard floor	5.95	1	1.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
captan	N-outdr flower	177.93	37	45,658.0	U
carbo methoxy ether cellulose, sodium salt	Orchard floor	<0.01	1	1.0	A
carfentrazone-ethyl	Landscape maintenance	0.6	N/A	N/A	N/A
carfentrazone-ethyl	N-grnhs flower	0.1	N/A	12.5	A
chlorfenapyr	Structural pest control	10.58	N/A	N/A	N/A
5-chloro-2-methyl-4-isothiazolin-3-one	Water (industrial)	3.71	N/A	2.0	U
chlorothalonil	Golf course turf	119.57	N/A	12.0	A
chlorothalonil	Landscape maintenance	29.89	N/A	N/A	N/A
chlorothalonil	N-grnhs flower	595.91	273	388.5	A
chlorothalonil	N-grnhs plants in containers	14.56	16	299,700.0	S
chlorothalonil	N-grnhs transplants	4.05	2	27,000.0	S
chlorothalonil	N-outdr flower	16.48	3	15.0	A
chlorothalonil	N-outdr transplants	29.89	N/A	3.0	A
chlorothalonil	Turf/sod	22.54	2	4.0	A
chlorothalonil	Uncultivated ag	17.76	8	23.0	A
chlorsulfuron	Rights of way	1.99	N/A	N/A	N/A
chlorsulfuron	Structural pest control	0.01	N/A	N/A	N/A
cholecalciferol	Structural pest control	0.1	N/A	N/A	N/A
chromobacterium subtsugae strain praa4-1	Cannabis (all or unspecified)	16.78	57	120,255.33	S
citric acid	Forest, timberland	1.88	12	268.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
clarified hydrophobic extract of neem oil	Brussels sprout	0.36	2	0.42	A
clarified hydrophobic extract of neem oil	Cannabis (all or unspecified)	413.64	199	382,498.0	S
clarified hydrophobic extract of neem oil	Landscape maintenance	0.07	N/A	N/A	N/A
clopyralid, monoethanolamine salt	Forest, timberland	188.55	43	923.0	A
clopyralid, monoethanolamine salt	Landscape maintenance	0.56	N/A	N/A	N/A
clothianidin	Landscape maintenance	0.01	N/A	N/A	N/A
clothianidin	Structural pest control	0.25	N/A	N/A	N/A
clothianidin	Turf/sod	0.75	1	2.0	A
copper carbonate, basic	Rights of way	1.04	N/A	N/A	N/A
copper hydroxide	N-grnhs transplants	2.3	1	15,000.0	S
copper hydroxide	Peach	1.61	2	7.0	A
copper hydroxide	Rights of way	101.01	N/A	N/A	N/A
copper naphthenate	Structural pest control	0.21	N/A	N/A	N/A
copper octanoate	Apple	3.34	2	2.0	A
copper oxychloride	Peach	1.79	2	7.0	A
cyantraniliprole	N-grnhs flower	0.38	4	5.75	A
cyfluthrin	Rights of way	<0.01	N/A	N/A	N/A
cyfluthrin	Structural pest control	10.63	N/A	N/A	N/A
beta-cyfluthrin	Structural pest control	26.85	N/A	N/A	N/A
cypermethrin	Structural pest control	7.42	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
(s)-cypermethrin	Landscape maintenance	<0.01	N/A	N/A	N/A
(s)-cypermethrin	Structural pest control	<0.01	N/A	N/A	N/A
cyprodinil	Apple	2.09	2	9.0	A
cyprodinil	N-grnhs flower	12.32	98	128.25	A
cyprodinil	Uncultivated ag	0.38	3	4.0	A
2,4-d	Landscape maintenance	0.52	N/A	N/A	N/A
2,4-d, dimethylamine salt	Landscape maintenance	0.04	N/A	N/A	N/A
2,4-d, 2-ethylhexyl ester	Landscape maintenance	27.76	N/A	N/A	N/A
2,4-d, 2-ethylhexyl ester	N-grnhs flower	1.97	N/A	12.5	A
daminozide	N-outdr flower	10.2	2	12.0	A
ddvp	Structural pest control	0.14	N/A	N/A	N/A
ddvp, other related	Structural pest control	0.01	N/A	N/A	N/A
decyl phenoxy benzene disulfonic acid, disodium salt	Forest, timberland	2.85	10	239.0	A
deltamethrin	Structural pest control	3.43	N/A	N/A	N/A
diatomaceous earth	Structural pest control	20.32	N/A	N/A	N/A
2,2-dibromo-3-nitrilopropionamide	Water (industrial)	2.85	N/A	1.0	U
dicamba	Landscape maintenance	1.69	N/A	N/A	N/A
dicamba	N-grnhs flower	0.13	N/A	12.5	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
dicamba, dimethylamine salt	Landscape maintenance	7.24	N/A	N/A	N/A
1,3-dichloro-5,5-dimethylhydantoin	Water (industrial)	14.53	N/A	1.0	U
1,3-dichloro-5-ethyl-5-methylhydantoin	Water (industrial)	7.99	N/A	1.0	U
didecyl dimethyl ammonium chloride	Structural pest control	<0.01	N/A	N/A	N/A
difethialone	Structural pest control	0.01	N/A	N/A	N/A
diflubenzuron	Structural pest control	<0.01	N/A	N/A	N/A
dimethyl alkyl tertiary amines	Forest, timberland	2.34	17	382.5	A
dimethyl alkyl tertiary amines	Rights of way	0.33	N/A	N/A	N/A
dinotefuran	N-grnhs plants in containers	0.51	2	37,000.0	S
dinotefuran	Structural pest control	13.13	N/A	N/A	N/A
dioctyl dimethyl ammonium chloride	Structural pest control	<0.01	N/A	N/A	N/A
diphacinone	Structural pest control	<0.01	N/A	N/A	N/A
diquat dibromide	Landscape maintenance	<0.01	N/A	N/A	N/A
disodium octaborate tetrahydrate	Structural pest control	965.77	N/A	N/A	N/A
diuron	N-grnhs flower	35.66	40	35.75	A
diuron	N-outdr flower	8.01	2	8.0	A
diuron	Rights of way	0.63	N/A	N/A	N/A
diuron	Uncultivated ag	11.51	6	11.5	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
esfenvalerate	Structural pest control	0.03	N/A	N/A	N/A
etofenprox	Structural pest control	0.01	N/A	N/A	N/A
fenhexamid	N-grnhs flower	195.43	348	537.25	A
fenhexamid	N-grnhs flower	<0.01	2	3.5	U
fenhexamid	N-outdr flower	1.88	1	5.0	A
fenpropathrin	Apple	3.68	2	9.0	A
ferric sodium edta	Landscape maintenance	0.19	N/A	N/A	N/A
ferric sulfate (anhydrous)	Landscape maintenance	0.59	N/A	N/A	N/A
fipronil	Cannabis (all or unspecified)	<0.01	1	418.0	S
fipronil	Structural pest control	132.63	N/A	N/A	N/A
fluazinam	Turf/sod	3.93	2	4.0	A
fludioxonil	Golf course turf	6.88	N/A	15.0	A
fludioxonil	Landscape maintenance	1.2	N/A	N/A	N/A
fludioxonil	N-grnhs flower	9.72	99	133.75	A
fludioxonil	N-outdr transplants	1.2	N/A	3.0	A
fludioxonil	Turf/sod	0.3	1	2.0	A
fludioxonil	Uncultivated ag	0.5	4	9.0	A
flumioxazin	N-grnhs transplants	0.01	3	9,000.0	S
fluopyram	N-grnhs flower	4.59	25	43.5	A
flupyradifurone	N-grnhs flower	2.03	17	23.64	A
tau-fluvalinate	Landscape maintenance	0.02	N/A	N/A	N/A
tau-fluvalinate	N-grnhs flower	0.33	3	5.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
formic acid	Beehive	7.25	2	38.0	U
glufosinate-ammonium	Rights of way	4.95	N/A	N/A	N/A
glyphosate, dimethylamine salt	Forest, timberland	241.63	8	159.7	A
glyphosate, dimethylamine salt	Rights of way	245.72	N/A	N/A	N/A
glyphosate, isopropylamine salt	Forest, timberland	593.83	28	747.6	A
glyphosate, isopropylamine salt	Landscape maintenance	112.0	N/A	N/A	N/A
glyphosate, isopropylamine salt	N-grnhs flower	6.85	2	43.0	A
glyphosate, isopropylamine salt	N-grnhs transplants	1.16	6	50,000.0	S
glyphosate, isopropylamine salt	N-outdr flower	31.9	1	16.0	A
glyphosate, isopropylamine salt	Orchard floor	0.62	1	2.5	A
glyphosate, isopropylamine salt	Rights of way	254.15	N/A	N/A	N/A
glyphosate, isopropylamine salt	Structural pest control	0.08	N/A	N/A	N/A
glyphosate, isopropylamine salt	Uncultivated ag	7.97	1	4.0	A
glyphosate, isopropylamine salt	Uncultivated ag	1.34	1	21,000.0	S
glyphosate, potassium salt	Rights of way	28.96	N/A	N/A	N/A
glyphosate, potassium salt	Uncultivated ag	5.07	1	1,234.0	U
hexazinone	Forest, timberland	12.38	1	11.0	A
hexythiazox	N-grnhs flower	1.25	2	10.0	A
hexythiazox	N-outdr flower	0.16	1	1.25	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
hydrogen peroxide	Cannabis (all or unspecified)	11.56	33	108,520.0	S
hydroprene	Structural pest control	8.82	N/A	N/A	N/A
1-(2-hydroxyethyl)-2-alkyl-2-imidazoline, alkyl derived from tall oil fatty acids	Industrial site	103.12	N/A	1.0	U
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Forest, timberland	16.09	4	60.0	A
imazapyr, isopropylamine salt	Forest, timberland	4,288.6	320	6,074.83	A
imazapyr, isopropylamine salt	Landscape maintenance	0.01	N/A	N/A	N/A
imazapyr, isopropylamine salt	Rights of way	80.8	N/A	N/A	N/A
imazapyr, isopropylamine salt	Uncultivated ag	0.02	1	21,000.0	S
imidacloprid	Landscape maintenance	0.28	N/A	N/A	N/A
imidacloprid	N-grnhs transplants	0.14	2	28,000.0	S
imidacloprid	Structural pest control	79.51	N/A	N/A	N/A
indaziflam	Rights of way	2.78	N/A	N/A	N/A
indoxacarb	Structural pest control	1.69	N/A	N/A	N/A
iprodione	N-grnhs flower	171.25	234	338.5	A
iprodione	N-outdr flower	67.06	37	45,658.0	U
iron phosphate	Structural pest control	4.24	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
isopropylamine dodecylbenzene sulfonate	Rights of way	0.02	N/A	N/A	N/A
lambda-cyhalothrin	Landscape maintenance	<0.01	N/A	N/A	N/A
lambda-cyhalothrin	Structural pest control	107.15	N/A	N/A	N/A
lecithin	Forest, timberland	895.78	112	1,753.4	A
lecithin	Rights of way	13.1	N/A	N/A	N/A
limonene	Cannabis (all or unspecified)	1.19	1	338.0	U
limonene	Structural pest control	1.66	N/A	N/A	N/A
malathion	Landscape maintenance	0.13	N/A	N/A	N/A
mancozeb	Apple	30.0	3	13.5	A
mcpa, dimethylamine salt	Landscape maintenance	0.07	N/A	N/A	N/A
mcpp-p, dimethylamine salt	Landscape maintenance	<0.01	N/A	N/A	N/A
mecoprop-p	Landscape maintenance	5.85	N/A	N/A	N/A
mecoprop-p	N-grnhs flower	0.5	N/A	12.5	A
metalaxyl	N-grnhs transplants	0.16	1	20,000.0	S
metaldehyde	Structural pest control	5.17	N/A	N/A	N/A
metam-sodium	Rights of way	419.33	N/A	N/A	N/A
s-methoprene	Structural pest control	0.01	N/A	N/A	N/A
methylated soybean oil	Forest, timberland	7,327.04	174	3,589.5	A
methylated soybean oil	Rights of way	438.21	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
2-methyl-4-isothiazolin-3-one	Water (industrial)	1.3	N/A	2.0	U
metofluthrin	Structural pest control	0.01	N/A	N/A	N/A
mineral oil	Apple	128.27	1	4.5	A
mineral oil	Cannabis (all or unspecified)	23.5	35	67,948.0	S
mineral oil	Rights of way	0.59	N/A	N/A	N/A
modified phthalic glycerol alkyd resin	Apple	8.95	5	22.5	A
muscalure	Structural pest control	<0.01	N/A	N/A	N/A
myclobutanil	Apple	2.25	2	9.0	A
myclobutanil	N-grnhs flower	0.03	1	0.25	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Forest, timberland	827.99	85	1,815.6	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Orchard floor	<0.01	1	1.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Rights of way	74.76	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Uncultivated ag	9.14	1	4.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	Forest, timberland	284.13	68	1,312.4	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
alpha-(para-nonylphenyl)-omega-hydroxypoly (oxyethylene) sulfate, ammonium salt	Rights of way	0.01	N/A	N/A	N/A
novaluron	Structural pest control	0.12	N/A	N/A	N/A
noviflumuron	Structural pest control	0.36	N/A	N/A	N/A
n-octyl bicycloheptene dicarboximide	Structural pest control	1.06	N/A	N/A	N/A
octyl decyl dimethyl ammonium chloride	Structural pest control	<0.01	N/A	N/A	N/A
oleic acid, ethyl ester	Landscape maintenance	1.49	N/A	N/A	N/A
oleic acid, ethyl ester	Rights of way	0.93	N/A	N/A	N/A
oleic acid, methyl ester	Forest, timberland	4,180.29	112	1,753.4	A
oryzalin	Landscape maintenance	13.59	N/A	N/A	N/A
oxyfluorfen	Forest, timberland	515.39	16	454.6	A
paecilomyces fumosoroseus apopka strain 97	Cannabis (all or unspecified)	1.31	45	42,556.12	S
pcnb	N-grnhs flower	41.99	N/A	3.0	A
pcnb	Turf/sod	70.5	1	5.0	A
penoxsulam	Forest, timberland	10.87	16	454.6	A
penoxsulam	Golf course turf	0.98	N/A	24.0	A
penoxsulam	N-grnhs flower	0.1	N/A	12.5	A
permethrin	Landscape maintenance	<0.01	N/A	N/A	N/A
permethrin	Structural pest control	5.15	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
peroxyacetic acid	Cannabis (all or unspecified)	0.97	32	104,320.0	S
petroleum oil, paraffin based	Rights of way	5.46	N/A	N/A	N/A
phenothrin	Landscape maintenance	<0.01	N/A	N/A	N/A
phenothrin	Structural pest control	0.26	N/A	N/A	N/A
phenylethyl propionate	Structural pest control	0.03	N/A	N/A	N/A
ortho-phenylphenol	Structural pest control	<0.01	N/A	N/A	N/A
phosphoric acid	Forest, timberland	2.73	2	29.0	A
piperonyl butoxide	Landscape maintenance	0.01	N/A	N/A	N/A
piperonyl butoxide	Structural pest control	3.79	N/A	N/A	N/A
piperonyl butoxide, other related	Structural pest control	0.71	N/A	N/A	N/A
polyacrylic polymer	Forest, timberland	0.25	2	29.0	A
polyethoxylated castor oil	Forest, timberland	12.28	4	79.0	A
polyethylene glycol stearate	Landscape maintenance	0.37	N/A	N/A	N/A
polyethylene glycol stearate	Rights of way	0.23	N/A	N/A	N/A
poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	Forest, timberland	1.26	4	79.0	A
polyoxyethylene sorbitan mixed fatty acid esters	Rights of way	0.35	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
polyoxyethylene sorbitan monooleate	Rights of way	0.08	N/A	N/A	N/A
polyoxyethylene sorbitan trioleate	Rights of way	0.51	N/A	N/A	N/A
potash soap	Cannabis (all or unspecified)	5.05	37	46,605.05	S
potash soap	Landscape maintenance	0.51	N/A	N/A	N/A
potassium carbonate	Forest, timberland	1.89	2	52.0	A
potassium phosphite	Cannabis (all or unspecified)	1.12	4	7,400.0	S
prallethrin	Landscape maintenance	<0.01	N/A	N/A	N/A
prallethrin	Structural pest control	0.09	N/A	N/A	N/A
propiconazole	Golf course turf	18.8	N/A	12.0	A
propiconazole	Landscape maintenance	4.7	N/A	N/A	N/A
propiconazole	N-grnhs flower	4.7	N/A	3.0	A
propiconazole	N-outdr transplants	4.7	N/A	3.0	A
propiconazole	Turf/sod	9.62	4	8.0	A
pymetrozine	N-grnhs flower	20.28	167	257.75	A
pymetrozine	N-outdr flower	0.1	1	1.25	A
pyraclostrobin	N-grnhs flower	6.4	31	60.0	A
pyraclostrobin	N-grnhs transplants	0.52	2	28,000.0	S
pyraclostrobin	N-outdr flower	55.2	37	45,658.0	U
pyrethrins	Broccoli	0.01	1	0.5	A
pyrethrins	Brussels sprout	0.01	1	0.21	A
pyrethrins	Cannabis (all or unspecified)	2.49	123	397,436.4	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
pyrethrins	Cucumber	<0.01	1	0.14	A
pyrethrins	Structural pest control	0.48	N/A	N/A	N/A
pyrimethanil	N-grnhs flower	13.73	25	43.5	A
pyriproxyfen	Structural pest control	0.79	N/A	N/A	N/A
qst 713 strain of dried bacillus subtilis	Cannabis (all or unspecified)	0.62	40	24,702.0	S
quillaja	Orchard floor	<0.01	1	1.0	A
quinclorac	Landscape maintenance	0.01	N/A	N/A	N/A
reynoutria sachalinensis	Cannabis (all or unspecified)	13.83	198	278,050.13	S
reynoutria sachalinensis	N-grnhs flower	0.88	7	9.75	A
rimsulfuron	Rights of way	0.67	N/A	N/A	N/A
silica aerogel	Structural pest control	12.86	N/A	N/A	N/A
sodium bromide	Water (industrial)	99.63	N/A	2.0	U
sodium decyl sulfate	Structural pest control	0.09	N/A	N/A	N/A
sodium hypochlorite	Water (industrial)	68.65	N/A	2.0	U
sodium lauroampho acetate	Structural pest control	0.07	N/A	N/A	N/A
sodium lauryl sulfate	Structural pest control	0.05	N/A	N/A	N/A
sorbitan fatty acid esters	Rights of way	0.08	N/A	N/A	N/A
soybean oil	Rights of way	9.52	N/A	N/A	N/A
spinosad	Cucumber	0.03	2	0.28	A
spinosad	N-grnhs flower	2.34	53	72.75	A
spinosad	Strawberry	0.19	4	2.0	A
spinosad	Structural pest control	<0.01	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
spiromesifen	N-grnhs flower	0.06	1	0.25	A
streptomyces lydicus wyec 108	Cannabis (all or unspecified)	0.01	118	810,656.75	S
sulfaquinoxaline	Structural pest control	0.19	N/A	N/A	N/A
sulfometuron-methyl	Forest, timberland	10.22	19	269.7	A
sulfometuron-methyl	Rights of way	1.97	N/A	N/A	N/A
sulfur	Apple	32.0	4	4.0	A
sulfur	Cannabis (all or unspecified)	555.54	137	426,187.05	S
sulfur	Grape, wine	424.0	6	49.0	A
sulfur	Squash, summer	2.2	2	0.28	A
sulfur	Structural pest control	0.4	N/A	N/A	N/A
sulfuryl fluoride	Structural pest control	590.52	N/A	N/A	N/A
tall oil fatty acids	Forest, timberland	8.5	4	79.0	A
tebuconazole	Landscape maintenance	0.31	N/A	N/A	N/A
tebuconazole	Turf/sod	13.07	3	6.0	A
tebuthiuron	Rights of way	0.21	N/A	N/A	N/A
tetramethrin	Landscape maintenance	<0.01	N/A	N/A	N/A
thiamethoxam	Golf course turf	0.81	N/A	3.25	A
thiamethoxam	Structural pest control	0.01	N/A	N/A	N/A
thiophanate-methyl	N-grnhs plants in containers	7.3	6	163,500.0	S
thiophanate-methyl	Turf/sod	11.62	1	2.0	A
thyme	Structural pest control	0.03	N/A	N/A	N/A
triadimefon	N-grnhs flower	8.92	42	80.5	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
triclopyr, butoxyethyl ester	Forest, timberland	3,325.11	107	1,639.1	A
triclopyr, butoxyethyl ester	Landscape maintenance	22.53	N/A	N/A	N/A
triclopyr, butoxyethyl ester	Rights of way	2.99	N/A	N/A	N/A
triclopyr choline	Rights of way	74.11	N/A	N/A	N/A
triclopyr, triethylamine salt	Forest, timberland	50.6	1	22.5	A
triclopyr, triethylamine salt	Landscape maintenance	5.33	N/A	N/A	N/A
triclopyr, triethylamine salt	Rights of way	108.87	N/A	N/A	N/A
trifloxystrobin	Apple	0.69	2	9.0	A
trifloxystrobin	N-grnhs flower	8.31	77	138.5	A
trifloxystrobin	N-outdr flower	0.78	2	6.25	A
trinexapac-ethyl	Landscape maintenance	0.05	N/A	N/A	N/A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Rights of way	6.55	N/A	N/A	N/A
warfarin	Structural pest control	0.19	N/A	N/A	N/A
zinc phosphide	Landscape maintenance	0.02	N/A	N/A	N/A