

2019 Annual Statewide Pesticide Use Report Indexed by Chemical SAN FRANCISCO 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	Landscape maintenance	0.03	N/A	N/A	N/A
abamectin	Regulatory pest control	<0.01	N/A	N/A	N/A
abamectin	Structural pest control	0.05	N/A	N/A	N/A
abamectin, other related	Structural pest control	<0.01	N/A	N/A	N/A
acephate	Landscape maintenance	1.47	N/A	N/A	N/A
acephate	Structural pest control	150.57	N/A	N/A	N/A
acetamiprid	Landscape maintenance	0.26	N/A	N/A	N/A
acetamiprid	N-grnhs flower	0.06	N/A	3.0	U
acetamiprid	Structural pest control	8.71	N/A	N/A	N/A
acibenzolar-s-methyl	Golf course turf	0.03	N/A	98,500.0	S
acibenzolar-s-methyl	N-grnhs flower	0.89	N/A	72.13	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
acibenzolar-s-methyl	N-grnhs transplants	0.09	N/A	6.8	A
alkyl (50%c14, 40%c12, 10%c16) dimethylbenzyl ammonium chloride	Regulatory pest control	<0.01	N/A	N/A	N/A
alkyl (50%c14, 40%c12, 10%c16) dimethylbenzyl ammonium chloride	Structural pest control	0.22	N/A	N/A	N/A
alkyl (60%c14, 30%c16, 5%c12, 5%c18) dimethylbenzyl ammonium chloride	Structural pest control	<0.01	N/A	N/A	N/A
alkyl (68%c12, 32%c14) dimethylethylbenzyl ammonium chloride	Structural pest control	<0.01	N/A	N/A	N/A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Turf/sod	1.32	N/A	12.0	A
alkyl (c8,c10) polyglucoside	N-grnhs flower	27.92	N/A	110.6	A
alkyl (c8,c10) polyglucoside	N-grnhs flower	0.17	N/A	15,000.0	S
d-trans allethrin	Rights of way	<0.01	N/A	N/A	N/A
d-trans allethrin	Structural pest control	0.03	N/A	N/A	N/A
aminocyclopyrachlor, potassium salt	Rights of way	0.03	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Landscape maintenance	3.44	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Rights of way	23.67	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
aminopyralid, triisopropanolamine salt	Water area	0.01	N/A	2.0	A
ammonium nonanoate	Landscape maintenance	36.17	N/A	N/A	N/A
ammonium nitrate	N-grnhs flower	13.3	N/A	110.6	A
ammonium nitrate	N-grnhs flower	0.08	N/A	15,000.0	S
ammonium nitrate	Turf/sod	0.17	N/A	12.0	A
ammonium sulfate	N-grnhs flower	26.59	N/A	110.6	A
ammonium sulfate	N-grnhs flower	0.16	N/A	15,000.0	S
ammonium sulfate	Rights of way	0.5	N/A	N/A	N/A
ammonium sulfate	Turf/sod	4.2	N/A	12.0	A
azadirachtin	Industrial hemp	2.51	326	242,981.0	S
azadirachtin	Landscape maintenance	3.89	N/A	N/A	N/A
azadirachtin	Structural pest control	<0.01	N/A	N/A	N/A
azoxystrobin	Golf course turf	1.25	N/A	98,500.0	S
azoxystrobin	Landscape maintenance	5.26	N/A	N/A	N/A
azoxystrobin	N-grnhs flower	5.41	N/A	11.4	A
bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins	Public health	2.11	N/A	N/A	N/A
bacillus thuringiensis (berliner)	Landscape maintenance	<0.01	N/A	N/A	N/A
bacillus thuringiensis (berliner)	Public health	0.01	N/A	N/A	N/A
bacillus thuringiensis (berliner)	Structural pest control	0.01	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	Industrial hemp	0.13	20	17,389.0	S
bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	Landscape maintenance	0.14	N/A	N/A	N/A
bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	Public health	3.75	N/A	N/A	N/A
bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	Structural pest control	0.04	N/A	N/A	N/A
bacillus thuringiensis, subsp. israelensis, strain am 65-52	Industrial hemp	6.33	32	6,014.0	S
bacillus thuringiensis, subsp. israelensis, strain am 65-52	Landscape maintenance	0.05	N/A	N/A	N/A
bacillus thuringiensis (berliner), subsp. kurstaki, strain sa-11	Landscape maintenance	0.03	N/A	N/A	N/A
bacillus thuringiensis (berliner), subsp. kurstaki strain sa-12	Landscape maintenance	0.08	N/A	N/A	N/A
beauveria bassiana strain gha	Industrial hemp	17.5	50	110,665.0	S
benzoic acid	Rights of way	0.19	N/A	N/A	N/A
bifenazate	Landscape maintenance	0.06	N/A	N/A	N/A
bifenthrin	Landscape maintenance	1.09	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
bifenthrin	Structural pest control	99.36	N/A	N/A	N/A
borax	Industrial site	0.03	N/A	200,000.0	S
borax	Landscape maintenance	0.2	N/A	N/A	N/A
borax	Structural pest control	21.14	N/A	N/A	N/A
boric acid	Landscape maintenance	0.11	N/A	N/A	N/A
boric acid	Structural pest control	1,507.75	N/A	N/A	N/A
brodifacoum	Structural pest control	0.02	N/A	N/A	N/A
bromadiolone	Structural pest control	0.27	N/A	N/A	N/A
bromethalin	Landscape maintenance	<0.01	N/A	N/A	N/A
bromethalin	Public health	0.06	N/A	N/A	N/A
bromethalin	Structural pest control	0.01	N/A	N/A	N/A
1-bromo-3-chloro-5,5-dimethyl hydantoin	Water (industrial)	1,359.5	N/A	23.0	U
burkholderia sp strain a396 cells and fermentation media	Industrial hemp	51.3	113	117,498.0	S
butyl alcohol	Landscape maintenance	0.13	N/A	N/A	N/A
calcium chloride	Landscape maintenance	0.17	N/A	N/A	N/A
canola oil	Landscape maintenance	3.43	N/A	N/A	N/A
capric acid	Landscape maintenance	4.52	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
caprylic acid	Landscape maintenance	6.63	N/A	N/A	N/A
carbaryl	N-grnhs flower	38.54	N/A	5.3	A
carbon	Landscape maintenance	0.12	N/A	N/A	N/A
carbon	Rights of way	0.14	N/A	N/A	N/A
carbon	Structural pest control	3.14	N/A	N/A	N/A
carfentrazone-ethyl	Landscape maintenance	0.23	N/A	N/A	N/A
carfentrazone-ethyl	N-grnhs flower	7.21	N/A	284.2	A
carfentrazone-ethyl	N-grnhs flower	<0.01	N/A	3,000.0	S
carfentrazone-ethyl	N-grnhs transplants	0.02	N/A	1.0	A
carfentrazone-ethyl	Turf/sod	0.41	N/A	12.0	A
chlorantraniliprole	Landscape maintenance	0.02	N/A	N/A	N/A
chlorantraniliprole	N-grnhs flower	16.8	N/A	160.0	A
chlorantraniliprole	Structural pest control	5.58	N/A	N/A	N/A
chlorfenapyr	Structural pest control	58.66	N/A	N/A	N/A
chlorine dioxide	Structural pest control	0.01	N/A	N/A	N/A
5-chloro-2-methyl-4-isothiazolin-3-one	Water (industrial)	4.4	N/A	52.0	U
chlorophacinone	Landscape maintenance	<0.01	N/A	N/A	N/A
chlorophacinone	Structural pest control	<0.01	N/A	N/A	N/A
chlorothalonil	N-grnhs flower	2,121.71	N/A	342.53	A
chlorothalonil	N-grnhs flower	3.5	N/A	15,008.3	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
chlorothalonil	N-grnhs transplants	480.94	N/A	76.8	A
chlorpyrifos	Landscape maintenance	<0.01	N/A	N/A	N/A
chlorsulfuron	Rights of way	0.01	N/A	N/A	N/A
cholecalciferol	Regulatory pest control	0.02	N/A	N/A	N/A
cholecalciferol	Structural pest control	0.06	N/A	N/A	N/A
chromobacterium subtsugae strain praa4-1	Industrial hemp	2.92	82	39,378.0	S
citric acid	Landscape maintenance	0.48	N/A	N/A	N/A
citric acid	Rights of way	0.18	N/A	N/A	N/A
clarified hydrophobic extract of neem oil	Industrial hemp	3.38	1	400.0	A
clarified hydrophobic extract of neem oil	Industrial hemp	23.34	44	28,030.0	S
clarified hydrophobic extract of neem oil	Landscape maintenance	9.96	N/A	N/A	N/A
clopyralid, monoethanolamine salt	Landscape maintenance	5.89	N/A	N/A	N/A
clopyralid, monoethanolamine salt	N-grnhs flower	22.53	N/A	90.6	A
clopyralid, monoethanolamine salt	N-grnhs flower	0.19	N/A	15,000.0	S
clothianidin	Landscape maintenance	0.55	N/A	N/A	N/A
clothianidin	Regulatory pest control	0.06	N/A	N/A	N/A
clothianidin	Structural pest control	0.9	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
clothianidin	Turf/sod	0.04	N/A	6,504.0	S
copper ammonium carbonate	Landscape maintenance	<0.01	N/A	N/A	N/A
copper ammonium complex	Landscape maintenance	0.06	N/A	N/A	N/A
copper hydroxide	Landscape maintenance	0.8	N/A	N/A	N/A
copper octanoate	Landscape maintenance	<0.01	N/A	N/A	N/A
copper oxychloride	Landscape maintenance	0.89	N/A	N/A	N/A
copper sulfate (pentahydrate)	Water area	20.57	N/A	1.3	A
coyote urine	Landscape maintenance	0.01	N/A	N/A	N/A
coyote urine	Structural pest control	0.48	N/A	N/A	N/A
cyflumetofen	Landscape maintenance	0.34	N/A	N/A	N/A
cyfluthrin	Structural pest control	380.16	N/A	N/A	N/A
beta-cyfluthrin	Landscape maintenance	0.04	N/A	N/A	N/A
beta-cyfluthrin	Public health	<0.01	N/A	N/A	N/A
beta-cyfluthrin	Structural pest control	96.88	N/A	N/A	N/A
cypermethrin	Structural pest control	7.98	N/A	N/A	N/A
(s)-cypermethrin	Structural pest control	<0.01	N/A	N/A	N/A
2,4-d, 2-ethylhexyl ester	Landscape maintenance	4.43	N/A	N/A	N/A
2,4-d, 2-ethylhexyl ester	N-grnhs flower	119.35	N/A	269.52	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
2,4-d, 2-ethylhexyl ester	N-grnhs flower	0.03	N/A	3,000.0	S
2,4-d, 2-ethylhexyl ester	N-grnhs transplants	0.48	N/A	1.0	A
2,4-d, 2-ethylhexyl ester	Turf/sod	19.09	N/A	12.0	A
ddvp	Regulatory pest control	0.39	N/A	N/A	N/A
ddvp	Structural pest control	0.43	N/A	N/A	N/A
ddvp, other related	Regulatory pest control	0.03	N/A	N/A	N/A
ddvp, other related	Structural pest control	0.01	N/A	N/A	N/A
deltamethrin	Landscape maintenance	<0.01	N/A	N/A	N/A
deltamethrin	Structural pest control	59.75	N/A	N/A	N/A
diatomaceous earth	Regulatory pest control	1.02	N/A	N/A	N/A
diatomaceous earth	Structural pest control	141.86	N/A	N/A	N/A
2,2-dibromo-3-nitrilopropionamide	Water (industrial)	19.94	N/A	5.0	U
dicamba	Landscape maintenance	0.28	N/A	N/A	N/A
dicamba	N-grnhs flower	7.62	N/A	269.52	A
dicamba	N-grnhs flower	<0.01	N/A	3,000.0	S
dicamba	N-grnhs transplants	0.03	N/A	1.0	A
dicamba	Turf/sod	1.14	N/A	12.0	A
1,3-dichloro-5,5-dimethylhydantoin	Water (industrial)	411.37	N/A	19.0	U
1,3-dichloro-5-ethyl-5-methylhydantoin	Water (industrial)	226.32	N/A	19.0	U

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
didecyl dimethyl ammonium chloride	Regulatory pest control	<0.01	N/A	N/A	N/A
didecyl dimethyl ammonium chloride	Structural pest control	0.05	N/A	N/A	N/A
diethylene glycol	Rights of way	8.46	N/A	N/A	N/A
difethialone	Regulatory pest control	<0.01	N/A	N/A	N/A
difethialone	Structural pest control	0.23	N/A	N/A	N/A
dikegulac sodium	Landscape maintenance	1.71	N/A	N/A	N/A
dimethyl alkyl tertiary amines	Rights of way	0.21	N/A	N/A	N/A
dimethylpolysiloxane	Landscape maintenance	0.46	N/A	N/A	N/A
dimethylpolysiloxane	Rights of way	1.31	N/A	N/A	N/A
dinotefuran	Landscape maintenance	2.26	N/A	N/A	N/A
dinotefuran	Regulatory pest control	2.89	N/A	N/A	N/A
dinotefuran	Structural pest control	175.92	N/A	N/A	N/A
dioctyl dimethyl ammonium chloride	Water (industrial)	38.13	N/A	1.0	U
diphacinone	Landscape maintenance	<0.01	N/A	N/A	N/A
diphacinone	Regulatory pest control	<0.01	N/A	N/A	N/A
diphacinone	Structural pest control	0.1	N/A	N/A	N/A
diphacinone, sodium salt	Structural pest control	0.01	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
diquat dibromide	Landscape maintenance	3.3	N/A	N/A	N/A
diquat dibromide	Rights of way	9.79	N/A	N/A	N/A
disodium octaborate tetrahydrate	Landscape maintenance	64.37	N/A	N/A	N/A
disodium octaborate tetrahydrate	Structural pest control	1,180.11	N/A	N/A	N/A
disulfoton	Landscape maintenance	0.05	N/A	N/A	N/A
dithiopyr	Landscape maintenance	2.01	N/A	N/A	N/A
dithiopyr	Rights of way	16.11	N/A	N/A	N/A
diuron	Rights of way	8.68	N/A	N/A	N/A
esfenvalerate	Regulatory pest control	1.13	N/A	N/A	N/A
esfenvalerate	Structural pest control	5.55	N/A	N/A	N/A
ethephon	Landscape maintenance	0.06	N/A	N/A	N/A
ethephon	N-grnhs flower	476.19	N/A	145.3	A
ethephon	N-grnhs transplants	232.68	N/A	68.5	A
etofenprox	Regulatory pest control	3.73	N/A	N/A	N/A
etofenprox	Structural pest control	1.91	N/A	N/A	N/A
ethofumesate	N-grnhs flower	4.68	N/A	0.9	A
ethofumesate	N-grnhs transplants	473.15	N/A	90.0	A
fatty acids, mixed	Rights of way	15.06	N/A	N/A	N/A
ferric sodium edta	Landscape maintenance	0.08	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
fipronil	Landscape maintenance	0.59	N/A	N/A	N/A
fipronil	Regulatory pest control	0.01	N/A	N/A	N/A
fipronil	Rights of way	<0.01	N/A	N/A	N/A
fipronil	Structural pest control	72.76	N/A	N/A	N/A
fluazifop-p-butyl	Landscape maintenance	0.15	N/A	N/A	N/A
fluazifop-p-butyl	N-grnhs flower	22.3	N/A	88.95	A
fludioxonil	Landscape maintenance	0.03	N/A	N/A	N/A
fludioxonil	N-grnhs flower	4.87	N/A	9.0	A
fludioxonil	N-grnhs flower	0.14	N/A	15,000.0	S
flupyradifurone	Landscape maintenance	0.1	N/A	N/A	N/A
flutolanil	N-grnhs flower	38.06	N/A	4.5	A
tau-fluvalinate	Landscape maintenance	0.45	N/A	N/A	N/A
fluxapyroxad	N-grnhs flower	0.65	N/A	3.0	A
fluxapyroxad	Turf/sod	0.87	N/A	4.0	A
fosetyl-al	Landscape maintenance	3.99	N/A	N/A	N/A
fox urine	Landscape maintenance	0.01	N/A	N/A	N/A
fox urine	Structural pest control	0.01	N/A	N/A	N/A
free fatty acids and/or amine salts	Landscape maintenance	0.18	N/A	N/A	N/A
gamma-cyhalothrin	Landscape maintenance	<0.01	N/A	N/A	N/A
gamma-cyhalothrin	Structural pest control	1.03	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
garlic	Rights of way	0.06	N/A	N/A	N/A
glufosinate-ammonium	Landscape maintenance	12.65	N/A	N/A	N/A
glufosinate-ammonium	N-grnhs flower	0.19	N/A	3,000.0	S
glufosinate-ammonium	Rights of way	12.24	N/A	N/A	N/A
glutaraldehyde	Public health	235.53	N/A	N/A	N/A
glutaraldehyde	Water (industrial)	2,283.72	N/A	33.0	U
glyphosate, dimethylamine salt	Rights of way	74.23	N/A	N/A	N/A
glyphosate, isopropylamine salt	Landscape maintenance	161.99	N/A	N/A	N/A
glyphosate, isopropylamine salt	N-grnhs flower	0.22	N/A	1.0	U
glyphosate, isopropylamine salt	Rights of way	238.76	N/A	N/A	N/A
glyphosate, isopropylamine salt	Uncultivated non-ag	0.22	N/A	1.0	U
glyphosate, isopropylamine salt	Water area	8.1	N/A	4.0	A
glyphosate, monoammonium salt	Landscape maintenance	17.77	N/A	N/A	N/A
glyphosate, potassium salt	Landscape maintenance	128.21	N/A	N/A	N/A
glyphosate, potassium salt	Rights of way	185.87	N/A	N/A	N/A
halosulfuron-methyl	Landscape maintenance	<0.01	N/A	N/A	N/A
hydramethylnon	Structural pest control	0.83	N/A	N/A	N/A
hydroprene	Landscape maintenance	0.02	N/A	N/A	N/A
hydroprene	Regulatory pest control	2.41	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
hydroprene	Structural pest control	584.49	N/A	N/A	N/A
imazamox, ammonium salt	Landscape maintenance	2.95	N/A	N/A	N/A
imazapyr, isopropylamine salt	Landscape maintenance	5.3	N/A	N/A	N/A
imazapyr, isopropylamine salt	Rights of way	2.92	N/A	N/A	N/A
imazapyr, isopropylamine salt	Water area	5.75	N/A	4.0	A
imidacloprid	Landscape maintenance	42.88	N/A	N/A	N/A
imidacloprid	N-grnhs flower	2.66	N/A	7.1	A
imidacloprid	N-grnhs transplants	1.8	N/A	4.8	A
imidacloprid	Public health	0.09	N/A	N/A	N/A
imidacloprid	Regulatory pest control	0.46	N/A	N/A	N/A
imidacloprid	Structural pest control	194.49	N/A	N/A	N/A
indaziflam	Landscape maintenance	0.26	N/A	N/A	N/A
indaziflam	Rights of way	5.8	N/A	N/A	N/A
indoxacarb	Industrial site	<0.01	N/A	280,000.0	S
indoxacarb	Landscape maintenance	0.01	N/A	N/A	N/A
indoxacarb	N-grnhs flower	3.73	N/A	22.2	A
indoxacarb	N-grnhs transplants	1.54	N/A	6.8	A
indoxacarb	Regulatory pest control	0.84	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
indoxacarb	Structural pest control	33.7	N/A	N/A	N/A
iron hedta	Landscape maintenance	9.74	N/A	N/A	N/A
iron phosphate	Landscape maintenance	1.53	N/A	N/A	N/A
iron phosphate	Structural pest control	0.21	N/A	N/A	N/A
alpha-isooctadecyl-omega-hydroxypoly(oxyethylene)	Landscape maintenance	0.14	N/A	N/A	N/A
alpha-isooctadecyl-omega-hydroxypoly(oxyethylene)	Public health	4.11	N/A	N/A	N/A
isopropyl alcohol	Regulatory pest control	0.84	N/A	N/A	N/A
isopropyl alcohol	Structural pest control	26.2	N/A	N/A	N/A
isoxaben	Landscape maintenance	10.05	N/A	N/A	N/A
isoxaben	N-grnhs flower	18.75	N/A	86.0	A
isoxaben	Rights of way	16.23	N/A	N/A	N/A
lambda-cyhalothrin	Structural pest control	32.65	N/A	N/A	N/A
lecithin	Rights of way	0.91	N/A	N/A	N/A
limonene	Landscape maintenance	32.65	N/A	N/A	N/A
limonene	Structural pest control	74.65	N/A	N/A	N/A
mancozeb	Landscape maintenance	0.02	N/A	N/A	N/A
margosa oil	Industrial hemp	0.88	33	29,305.0	S
margosa oil	Landscape maintenance	183.92	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
margosa oil	Structural pest control	0.01	N/A	N/A	N/A
mcpa, 2-ethyl hexyl ester	Landscape maintenance	0.01	N/A	N/A	N/A
mecoprop-p	Landscape maintenance	1.12	N/A	N/A	N/A
mecoprop-p	N-grnhs flower	30.26	N/A	269.52	A
mecoprop-p	N-grnhs flower	0.01	N/A	3,000.0	S
mecoprop-p	N-grnhs transplants	0.12	N/A	1.0	A
mecoprop-p	Turf/sod	3.93	N/A	12.0	A
mefenoxam	Landscape maintenance	0.65	N/A	N/A	N/A
mefenoxam	Structural pest control	0.09	N/A	N/A	N/A
mefenoxam, other related	Landscape maintenance	0.02	N/A	N/A	N/A
mefenoxam, other related	Structural pest control	<0.01	N/A	N/A	N/A
mesotrione	N-grnhs flower	3.47	N/A	22.1	A
mesotrione	N-grnhs flower	0.09	N/A	15,000.0	S
metconazole	Landscape maintenance	5.0	N/A	N/A	N/A
methoprene	Landscape maintenance	0.01	N/A	N/A	N/A
methoprene	Structural pest control	59.12	N/A	N/A	N/A
s-methoprene	Landscape maintenance	<0.01	N/A	N/A	N/A
s-methoprene	Structural pest control	6.11	N/A	N/A	N/A
methyl anthranilate	Landscape maintenance	13.3	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
methylated soybean oil	Rights of way	7.63	N/A	N/A	N/A
2-methyl-4-isothiazolin-3-one	Water (industrial)	1.56	N/A	52.0	U
methyl silicone resins	N-grnhs flower	0.03	N/A	110.6	A
methyl silicone resins	N-grnhs flower	<0.01	N/A	15,000.0	S
metofluthrin	Structural pest control	0.02	N/A	N/A	N/A
mineral oil	Golf course turf	559.28	N/A	687,700.0	S
mineral oil	Industrial hemp	15.47	145	61,478.0	S
mineral oil	Landscape maintenance	473.71	N/A	N/A	N/A
mineral oil	N-grnhs flower	127.84	N/A	6.0	A
mineral oil	Public health	185.28	N/A	N/A	N/A
muscalure	Structural pest control	0.02	N/A	N/A	N/A
myclobutanil	Landscape maintenance	0.18	N/A	N/A	N/A
nicarbazin	Structural pest control	<0.01	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	2.83	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Rights of way	22.04	N/A	N/A	N/A
novaluron	Structural pest control	0.89	N/A	N/A	N/A
noviflumuron	Structural pest control	0.03	N/A	N/A	N/A
n-octyl bicycloheptene dicarboximide	Landscape maintenance	0.01	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
n-octyl bicycloheptene dicarboximide	Regulatory pest control	0.58	N/A	N/A	N/A
n-octyl bicycloheptene dicarboximide	Structural pest control	91.32	N/A	N/A	N/A
oleic acid, ethyl ester	Landscape maintenance	142.31	N/A	N/A	N/A
oleic acid, ethyl ester	N-grnhs flower	0.1	N/A	3.0	U
oxadiazon	Landscape maintenance	2.26	N/A	N/A	N/A
oxyfluorfen	Rights of way	36.56	N/A	N/A	N/A
oxytetracycline hydrochloride	Landscape maintenance	0.01	N/A	N/A	N/A
paclobutrazol	Landscape maintenance	10.12	N/A	N/A	N/A
paclobutrazol	N-grnhs flower	40.41	N/A	263.5	A
paecilomyces fumosoroseus apopka strain 97	Industrial hemp	3.02	13	65,730.0	S
pendimethalin	Landscape maintenance	29.65	N/A	N/A	N/A
penoxsulam	Landscape maintenance	0.34	N/A	N/A	N/A
penoxsulam	N-grnhs flower	1.76	N/A	105.25	A
penoxsulam	Turf/sod	0.1	N/A	10.0	A
penthiopyrad	N-grnhs flower	2.06	N/A	3.0	A
permethrin	Landscape maintenance	5.02	N/A	N/A	N/A
permethrin	Structural pest control	19.25	N/A	N/A	N/A
permethrin, other related	Structural pest control	0.02	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
petroleum distillates	Structural pest control	0.99	N/A	N/A	N/A
petroleum distillates, refined	Industrial hemp	2.47	9	7,560.0	S
petroleum distillates, refined	Landscape maintenance	0.33	N/A	N/A	N/A
petroleum distillates, refined	Public health	16.94	N/A	N/A	N/A
petroleum oil, unclassified	Landscape maintenance	53.96	N/A	N/A	N/A
phenothrin	Regulatory pest control	0.23	N/A	N/A	N/A
phenothrin	Rights of way	<0.01	N/A	N/A	N/A
phenothrin	Structural pest control	8.07	N/A	N/A	N/A
phenylethyl propionate	Structural pest control	0.1	N/A	N/A	N/A
phosphoric acid	Rights of way	0.2	N/A	N/A	N/A
piperonyl butoxide	Landscape maintenance	0.56	N/A	N/A	N/A
piperonyl butoxide	Regulatory pest control	14.91	N/A	N/A	N/A
piperonyl butoxide	Structural pest control	118.49	N/A	N/A	N/A
piperonyl butoxide, other related	Landscape maintenance	0.14	N/A	N/A	N/A
piperonyl butoxide, other related	Structural pest control	12.14	N/A	N/A	N/A
polyacrylamide, polyethylene glycol mixture	Rights of way	0.5	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
polyalkene oxide modified heptamethyl trisiloxane	Industrial hemp	0.67	106	39,770.0	S
polyalkene oxide modified heptamethyl trisiloxane	Landscape maintenance	0.92	N/A	N/A	N/A
polybutenes	Vertebrate control	4.71	N/A	N/A	N/A
polyether modified polysiloxane	Rights of way	0.91	N/A	N/A	N/A
polyethylene glycol stearate	N-grnhs flower	0.02	N/A	3.0	U
polyoxyethylene dioleate	Landscape maintenance	24.9	N/A	N/A	N/A
poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	Industrial hemp	0.13	106	39,770.0	S
polyoxyethylene sorbitan monooleate	Landscape maintenance	7.12	N/A	N/A	N/A
potash soap	Industrial hemp	14.77	77	37,494.0	S
potash soap	Landscape maintenance	7.85	N/A	N/A	N/A
potassium bicarbonate	Landscape maintenance	0.01	N/A	N/A	N/A
potassium phosphite	Landscape maintenance	261.72	N/A	N/A	N/A
potassium phosphite	N-grnhs flower	643.47	N/A	49.33	A
potassium phosphite	N-grnhs transplants	60.84	N/A	4.8	A
potassium silicate	Industrial hemp	0.05	1	1,050.0	S
prallethrin	Landscape maintenance	0.04	N/A	N/A	N/A
prallethrin	Public health	<0.01	N/A	N/A	N/A
prallethrin	Rights of way	<0.01	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
prallethrin	Structural pest control	1.05	N/A	N/A	N/A
prodiamine	Landscape maintenance	5.57	N/A	N/A	N/A
prodiamine	N-grnhs flower	68.27	N/A	105.0	A
propiconazole	Landscape maintenance	0.87	N/A	N/A	N/A
propiconazole	N-grnhs flower	150.15	N/A	275.25	A
propiconazole	N-grnhs flower	1.2	N/A	33,000.0	S
propoxur	Structural pest control	0.01	N/A	N/A	N/A
propylene glycol	Landscape maintenance	0.31	N/A	N/A	N/A
pyraclostrobin	N-grnhs flower	0.73	N/A	1.5	A
pyrethrins	Industrial hemp	0.37	63	49,438.0	S
pyrethrins	Landscape maintenance	0.07	N/A	N/A	N/A
pyrethrins	Regulatory pest control	<0.01	N/A	N/A	N/A
pyrethrins	Structural pest control	28.88	N/A	N/A	N/A
pyriproxyfen	Structural pest control	4.81	N/A	N/A	N/A
qst 713 strain of dried bacillus subtilis	Industrial hemp	0.31	44	22,000.0	S
quinclorac, dimethylamine salt	Landscape maintenance	43.34	N/A	N/A	N/A
quinclorac, dimethylamine salt	N-grnhs flower	1.45	N/A	4.0	A
reynoutria sachalinensis	Industrial hemp	0.95	55	68,815.0	S
sethoxydim	Landscape maintenance	0.04	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
silica aerogel	Landscape maintenance	2.1	N/A	N/A	N/A
silica aerogel	Structural pest control	81.07	N/A	N/A	N/A
sodium bromide	Water (industrial)	1,000.22	N/A	35.0	U
sodium carbonate peroxyhydrate	Landscape maintenance	0.53	N/A	N/A	N/A
sodium decyl sulfate	Structural pest control	51.01	N/A	N/A	N/A
sodium hypochlorite	Water (industrial)	898.19	N/A	48.0	U
sodium hypochlorite	Water systems - human potable/drinking	74.38	N/A	43.0	U
sodium lauroampho acetate	Structural pest control	38.5	N/A	N/A	N/A
sodium lauryl sulfate	Structural pest control	25.99	N/A	N/A	N/A
sodium nitrate	Landscape maintenance	0.66	N/A	N/A	N/A
sodium nitrate	Rights of way	0.75	N/A	N/A	N/A
sodium nitrate	Structural pest control	17.45	N/A	N/A	N/A
soybean oil	Landscape maintenance	10.89	N/A	N/A	N/A
spinosad	Landscape maintenance	0.21	N/A	N/A	N/A
spinosad	Structural pest control	0.01	N/A	N/A	N/A
streptomyces lydicus wyec 108	Industrial hemp	<0.01	47	23,500.0	S
streptomyces lydicus wyec 108	Landscape maintenance	<0.01	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
strychnine	Landscape maintenance	0.03	N/A	N/A	N/A
sulfometuron-methyl	Rights of way	11.98	N/A	N/A	N/A
sulfur	Industrial hemp	10.92	59	23,074.0	S
sulfur	Landscape maintenance	0.5	N/A	N/A	N/A
sulfur	Rights of way	0.57	N/A	N/A	N/A
sulfur	Structural pest control	13.26	N/A	N/A	N/A
sulfuryl fluoride	Structural pest control	704.59	N/A	N/A	N/A
tebuconazole	Landscape maintenance	0.06	N/A	N/A	N/A
tebuconazole	N-grnhs flower	18.67	N/A	13.85	A
tebuthiuron	Rights of way	6.22	N/A	N/A	N/A
z,e-9,12-tetradecadien-1-yl acetate	Structural pest control	0.03	N/A	N/A	N/A
tetramethrin	Structural pest control	0.44	N/A	N/A	N/A
thiamethoxam	Structural pest control	3.27	N/A	N/A	N/A
thiophanate-methyl	Landscape maintenance	1.38	N/A	N/A	N/A
thiophanate-methyl	N-grnhs flower	94.96	N/A	124.8	A
thiophanate-methyl	N-grnhs transplants	52.27	N/A	68.5	A
thyme oil	Structural pest control	0.01	N/A	N/A	N/A
triadimefon	N-grnhs flower	3.98	N/A	3.0	A
tributyl tetradecyl phosphonium chloride	Water (industrial)	2.0	N/A	1.0	U

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
triclopyr, butoxyethyl ester	Landscape maintenance	51.38	N/A	N/A	N/A
triclopyr, butoxyethyl ester	N-grnhs flower	166.54	N/A	114.6	A
triclopyr, butoxyethyl ester	Rights of way	20.73	N/A	N/A	N/A
triclopyr choline	Landscape maintenance	0.92	N/A	N/A	N/A
triclopyr choline	Rights of way	2.67	N/A	N/A	N/A
triclopyr, triethylamine salt	Landscape maintenance	0.41	N/A	N/A	N/A
triclopyr, triethylamine salt	Rights of way	9.42	N/A	N/A	N/A
triclopyr, triethylamine salt	Water area	0.08	N/A	2.0	A
trifloxystrobin	N-grnhs flower	0.8	N/A	3.0	A
trifloxystrobin	N-grnhs transplants	0.51	N/A	1.5	A
trifluralin	Landscape maintenance	5.32	N/A	N/A	N/A
triforine	Landscape maintenance	<0.01	N/A	N/A	N/A
trinexapac-ethyl	Golf course turf	0.98	N/A	490,700.0	S
trinexapac-ethyl	Landscape maintenance	3.85	N/A	N/A	N/A
trinexapac-ethyl	N-grnhs flower	102.22	N/A	1,273.03	A
trinexapac-ethyl	N-grnhs transplants	11.95	N/A	149.5	A
triptolide	Structural pest control	<0.01	N/A	N/A	N/A
triticonazole	Landscape maintenance	0.84	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Rights of way	22.49	N/A	N/A	N/A
4-vinylcyclohexenediepoide	Structural pest control	<0.01	N/A	N/A	N/A
warfarin	Landscape maintenance	0.01	N/A	N/A	N/A
warfarin	Structural pest control	<0.01	N/A	N/A	N/A
yucca schidigera	Rights of way	0.19	N/A	N/A	N/A
zinc phosphide	Landscape maintenance	0.17	N/A	N/A	N/A
zinc phosphide	Structural pest control	1.02	N/A	N/A	N/A
beauveria bassiana strain ppri 5339	Industrial hemp	0.01	7	6,490.0	S