

2020 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 nonagricultural 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	<0.01	N/A	N/A	N/A
abamectin	Regulatory pest control	<0.01	N/A	N/A	N/A
abamectin	Structural pest control	0.02	N/A	N/A	N/A
abamectin, other related	Structural pest control	<0.01	N/A	N/A	N/A
acephate	Landscape maintenance	0.03	N/A	N/A	N/A
acephate	Structural pest control	134.12	N/A	N/A	N/A
acetamiprid	Structural pest control	0.32	N/A	N/A	N/A
acibenzolar-s-methyl	N-grnhs transplants	0.99	N/A	76.9	A
acibenzolar-s-methyl	Turf/sod	0.06	N/A	289,500.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
alkyl (50% ^{c14} , 40% ^{c12} , 10% ^{c16}) dimethylbenzyl ammonium chloride	Regulatory pest control	0.02	N/A	N/A	N/A
alkyl (50% ^{c14} , 40% ^{c12} , 10% ^{c16}) dimethylbenzyl ammonium chloride	Structural pest control	3.2	N/A	N/A	N/A
alkyl (60% ^{c14} , 30% ^{c16} , 5% ^{c12} , 5% ^{c18}) dimethylbenzyl ammonium chloride	Structural pest control	7.12	N/A	N/A	N/A
alkyl (68% ^{c12} , 32% ^{c14}) dimethylethylbenzyl ammonium chloride	Structural pest control	7.12	N/A	N/A	N/A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	N-grnhs flower	18.91	N/A	139.81	A
alkyl (c8,c10) polyglucoside	N-grnhs flower	18.63	N/A	88.0	A
alkyl (c8,c10) polyglucoside	Structural pest control	0.03	N/A	N/A	N/A
d-trans allethrin	Landscape maintenance	<0.01	N/A	N/A	N/A
d-trans allethrin	Structural pest control	0.03	N/A	N/A	N/A
allyloxypolyethylene glycol acetate	Landscape maintenance	<0.01	N/A	N/A	N/A
aminocyclopyrachlor, potassium salt	Industrial site	1.6	N/A	10.7	A
aminopyralid, triisopropanolamine salt	Landscape maintenance	2.11	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Rights of way	25.12	N/A	N/A	N/A
ammonium nonanoate	Landscape maintenance	525.83	N/A	N/A	N/A
ammonium nitrate	N-grnhs flower	11.31	N/A	227.81	A
ammonium nitrate	Structural pest control	0.06	N/A	N/A	N/A
ammonium sulfate	N-grnhs flower	78.14	N/A	227.81	A
ammonium sulfate	Rights of way	0.5	N/A	N/A	N/A
ammonium sulfate	Structural pest control	0.06	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
azadirachtin	Cannabis (all or unspecified)	<0.01	2	280.0	C
azadirachtin	Cannabis (all or unspecified)	1.24	279	217,600.0	S
azadirachtin	Landscape maintenance	10.53	N/A	N/A	N/A
azadirachtin	N-grnhs flower	<0.01	N/A	100.0	S
azoxystrobin	N-grnhs flower	3.33	N/A	6.0	A
azoxystrobin	N-grnhs transplants	4.28	N/A	7.88	A
azoxystrobin	Turf/sod	2.63	N/A	289,500.0	S
bacillus firmus (strain i-1582)	N-grnhs flower	21.0	N/A	6.0	A
bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins	Public health	0.11	N/A	N/A	N/A
bacillus thuringiensis (berliner)	Landscape maintenance	<0.01	N/A	N/A	N/A
bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	Landscape maintenance	0.02	N/A	N/A	N/A
bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	Public health	<0.01	N/A	N/A	N/A
bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	Structural pest control	0.01	N/A	N/A	N/A
bacillus thuringiensis, subsp. israelensis, strain am 65-52	Landscape maintenance	0.56	N/A	N/A	N/A
bacillus thuringiensis, subsp. israelensis, strain am 65-52	Public health	0.19	N/A	N/A	N/A
bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	N-grnhs flower	0.12	N/A	3,000.0	S
bacillus thuringiensis (berliner), subsp. kurstaki strain sa-12	N-grnhs flower	0.58	N/A	900.0	S
beauveria bassiana strain gha	Cannabis (all or unspecified)	9.42	23	30,312.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
beauveria bassiana strain gha	Structural pest control	0.03	N/A	N/A	N/A
beauveria bassiana strain ppri 5339	Cannabis (all or unspecified)	1.1	126	93,670.0	S
benzoic acid	Rights of way	0.2	N/A	N/A	N/A
bifenazate	Landscape maintenance	<0.01	N/A	N/A	N/A
bifenthrin	Landscape maintenance	0.32	N/A	N/A	N/A
bifenthrin	Structural pest control	5.85	N/A	N/A	N/A
n,n-bis-(2-(omega-hydroxypoly(oxyethylene)/poly(oxypropylene))ethyl)alkyl (c8-c18) amine	N-grnhs flower	4.07	N/A	80.0	A
borax	Industrial site	0.07	N/A	1,056,518.0	S
borax	Landscape maintenance	0.07	N/A	N/A	N/A
borax	Rights of way	16.79	N/A	N/A	N/A
borax	Structural pest control	13.6	N/A	N/A	N/A
boric acid	Landscape maintenance	13.8	N/A	N/A	N/A
boric acid	Regulatory pest control	0.27	N/A	N/A	N/A
boric acid	Structural pest control	1,258.18	N/A	N/A	N/A
boscalid	Landscape maintenance	0.11	N/A	N/A	N/A
boscalid	N-grnhs flower	15.46	N/A	45.0	A
brodifacoum	Structural pest control	0.01	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
bromadiolone	Structural pest control	0.16	N/A	N/A	N/A
bromethalin	Landscape maintenance	<0.01	N/A	N/A	N/A
bromethalin	Public health	0.02	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)	928.94	N/A	67.0	U
burkholderia sp strain a396 cells and fermentation media	Cannabis (all or unspecified)	3.73	26	19,032.0	S
burkholderia sp strain a396 cells and fermentation media	Industrial hemp	5.65	27	16,185.0	S
calcium chloride	Landscape maintenance	0.98	N/A	N/A	N/A
calcium hypochlorite	Water (industrial)	0.68	N/A	4.0	U
capric acid	Landscape maintenance	1.44	N/A	N/A	N/A
caprylic acid	Landscape maintenance	2.12	N/A	N/A	N/A
capsicum oleoresin	Landscape maintenance	0.01	N/A	N/A	N/A
carbaryl	N-grnhs flower	119.54	N/A	23.4	A
carbon	Structural pest control	1.02	N/A	N/A	N/A
carfentrazone-ethyl	Landscape maintenance	3.6	N/A	N/A	N/A
carfentrazone-ethyl	N-grnhs flower	4.01	N/A	99.81	A
carfentrazone-ethyl	N-grnhs flower	0.08	N/A	127,000.0	S
carfentrazone-ethyl	N-grnhs transplants	5.41	N/A	228.6	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
chlorantraniliprole	Landscape maintenance	0.02	N/A	N/A	N/A
chlorantraniliprole	N-grnhs flower	1.36	N/A	9.0	A
chlorantraniliprole	N-grnhs transplants	18.2	N/A	171.5	A
chlorantraniliprole	Structural pest control	8.54	N/A	N/A	N/A
chlorfenapyr	Regulatory pest control	1.77	N/A	N/A	N/A
chlorfenapyr	Structural pest control	48.51	N/A	N/A	N/A
chlorine dioxide	Structural pest control	11.42	N/A	N/A	N/A
5-chloro-2-methyl-4-isothiazolin-3-one	Water (industrial)	8.47	N/A	631.0	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	35.87	N/A	6.0	A
chlorothalonil	N-grnhs transplants	2,479.94	N/A	405.02	A
chlorsulfuron	Industrial site	0.73	N/A	10.7	A
cholecalciferol	Landscape maintenance	<0.01	N/A	N/A	N/A
cholecalciferol	Regulatory pest control	0.01	N/A	N/A	N/A
cholecalciferol	Structural pest control	0.13	N/A	N/A	N/A
chromobacterium subtsugae strain praa4-1	Cannabis (all or unspecified)	0.54	13	8,772.0	S
chromobacterium subtsugae strain praa4-1	Industrial hemp	1.05	32	18,845.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
citric acid	Landscape maintenance	2.72	N/A	N/A	N/A
citric acid	Rights of way	0.59	N/A	N/A	N/A
clarified hydrophobic extract of neem oil	Cannabis (all or unspecified)	6.89	11	11,054.0	S
clarified hydrophobic extract of neem oil	Landscape maintenance	6.4	N/A	N/A	N/A
clethodim	Landscape maintenance	0.37	N/A	N/A	N/A
clopyralid, monoethanolamine salt	Landscape maintenance	2.37	N/A	N/A	N/A
clopyralid, monoethanolamine salt	N-grnhs flower	47.01	N/A	232.05	A
clopyralid, monoethanolamine salt	Rights of way	2.32	N/A	N/A	N/A
clothianidin	Landscape maintenance	0.14	N/A	N/A	N/A
clothianidin	N-grnhs flower	1.03	N/A	3.5	A
clothianidin	N-grnhs flower	0.38	N/A	50,000.0	S
clothianidin	Regulatory pest control	0.03	N/A	N/A	N/A
clothianidin	Structural pest control	1.58	N/A	N/A	N/A
copper ammonium carbonate	Landscape maintenance	<0.01	N/A	N/A	N/A
copper hydroxide	Landscape maintenance	0.17	N/A	N/A	N/A
copper hydroxide	Rights of way	1.2	N/A	N/A	N/A
copper octanoate	Landscape maintenance	<0.01	N/A	N/A	N/A
copper oxychloride	Landscape maintenance	0.18	N/A	N/A	N/A
cyantraniliprole	Structural pest control	<0.01	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
cyfluthrin	Regulatory pest control	<0.01	N/A	N/A	N/A
cyfluthrin	Structural pest control	77.02	N/A	N/A	N/A
beta-cyfluthrin	Regulatory pest control	0.03	N/A	N/A	N/A
beta-cyfluthrin	Structural pest control	35.49	N/A	N/A	N/A
cypermethrin	Structural pest control	6.1	N/A	N/A	N/A
2,4-d, dimethylamine salt	Landscape maintenance	0.02	N/A	N/A	N/A
2,4-d, 2-ethylhexyl ester	Landscape maintenance	3.57	N/A	N/A	N/A
2,4-d, 2-ethylhexyl ester	N-grnhs flower	111.67	N/A	86.81	A
2,4-d, 2-ethylhexyl ester	N-grnhs flower	1.5	N/A	127,000.0	S
2,4-d, 2-ethylhexyl ester	N-grnhs transplants	84.47	N/A	220.3	A
2,4-d, isooctyl ester	Turf/sod	0.94	N/A	291,500.0	S
ddvp	Regulatory pest control	0.43	N/A	N/A	N/A
ddvp	Structural pest control	0.03	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	0.04	N/A	N/A	N/A
deltamethrin	Regulatory pest control	<0.01	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
deltamethrin	Structural pest control	28.83	N/A	N/A	N/A
diatomaceous earth	Regulatory pest control	7.29	N/A	N/A	N/A
diatomaceous earth	Structural pest control	40.14	N/A	N/A	N/A
2,2-dibromo-3-nitrilopropionamide	Water (industrial)	18.41	N/A	62.0	U
dicamba	Landscape maintenance	0.23	N/A	N/A	N/A
dicamba	N-grnhs flower	6.73	N/A	86.81	A
dicamba	N-grnhs flower	0.1	N/A	127,000.0	S
dicamba	N-grnhs transplants	5.45	N/A	220.3	A
dicamba	Turf/sod	0.07	N/A	291,500.0	S
dicamba, dimethylamine salt	Landscape maintenance	<0.01	N/A	N/A	N/A
1,3-dichloro-5,5-dimethylhydantoin	Water (industrial)	51.15	N/A	62.0	U
1,3-dichloro-5-ethyl-5-methylhydantoin	Water (industrial)	28.14	N/A	62.0	U
didecyl dimethyl ammonium chloride	Landscape maintenance	0.02	N/A	N/A	N/A
didecyl dimethyl ammonium chloride	Regulatory pest control	0.01	N/A	N/A	N/A
didecyl dimethyl ammonium chloride	Structural pest control	1.1	N/A	N/A	N/A
diethylene glycol	Rights of way	1.92	N/A	N/A	N/A
difethialone	Regulatory pest control	0.01	N/A	N/A	N/A
difethialone	Structural pest control	0.13	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
dikegulac sodium	Landscape maintenance	3.64	N/A	N/A	N/A
dimethyl alkyl tertiary amines	Rights of way	0.22	N/A	N/A	N/A
dimethylpolysiloxane	Cannabis (all or unspecified)	0.08	19	10,548.0	S
dimethylpolysiloxane	Landscape maintenance	0.1	N/A	N/A	N/A
dimethylpolysiloxane	N-grnhs flower	0.01	N/A	50.0	A
dimethylpolysiloxane	Rights of way	0.23	N/A	N/A	N/A
dimethylpolysiloxane	Structural pest control	<0.01	N/A	N/A	N/A
dinotefuran	Landscape maintenance	1.95	N/A	N/A	N/A
dinotefuran	Regulatory pest control	38.51	N/A	N/A	N/A
dinotefuran	Structural pest control	305.22	N/A	N/A	N/A
dioctyl dimethyl ammonium chloride	Landscape maintenance	0.02	N/A	N/A	N/A
dioctyl dimethyl ammonium chloride	Regulatory pest control	0.01	N/A	N/A	N/A
dioctyl dimethyl ammonium chloride	Structural pest control	1.06	N/A	N/A	N/A
diphacinone	Landscape maintenance	<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
diquat dibromide	Landscape maintenance	2.23	N/A	N/A	N/A
diquat dibromide	Rights of way	29.91	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
disodium octaborate tetrahydrate	Industrial site	0.2	N/A	1,250,000.0	S
disodium octaborate tetrahydrate	Landscape maintenance	1.39	N/A	N/A	N/A
disodium octaborate tetrahydrate	Structural pest control	1,418.96	N/A	N/A	N/A
dithiopyr	Landscape maintenance	1.27	N/A	N/A	N/A
dithiopyr	N-grnhs flower	3.83	N/A	16.5	A
dithiopyr	N-grnhs flower	0.48	N/A	75,000.0	S
dithiopyr	Rights of way	12.0	N/A	N/A	N/A
2,4-dp-p, isooctyl ester	Landscape maintenance	0.12	N/A	N/A	N/A
2,4-dp-p, isooctyl ester	N-grnhs flower	0.86	N/A	127,000.0	S
2,4-dp-p, isooctyl ester	N-grnhs transplants	20.05	N/A	86.1	A
emamectin benzoate	Regulatory pest control	<0.01	N/A	N/A	N/A
emamectin benzoate	Structural pest control	<0.01	N/A	N/A	N/A
esfenvalerate	Regulatory pest control	0.16	N/A	N/A	N/A
esfenvalerate	Structural pest control	1.77	N/A	N/A	N/A
ethephon	Landscape maintenance	0.99	N/A	N/A	N/A
ethephon	N-grnhs transplants	586.76	N/A	172.76	A
etofenprox	Regulatory pest control	0.42	N/A	N/A	N/A
etofenprox	Structural pest control	0.44	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
ethofumesate	N-grnhs transplants	1,622.83	N/A	449.0	A
fatty acids, mixed	Rights of way	3.43	N/A	N/A	N/A
ferric sodium edta	Landscape maintenance	0.08	N/A	N/A	N/A
fipronil	Regulatory pest control	0.01	N/A	N/A	N/A
fipronil	Structural pest control	47.38	N/A	N/A	N/A
fluazifop-butyl	N-grnhs transplants	2.48	N/A	20.0	A
fluazifop-p-butyl	Landscape maintenance	1.19	N/A	N/A	N/A
fluazifop-p-butyl	N-grnhs transplants	9.82	N/A	39.1	A
fludioxonil	N-grnhs flower	3.52	N/A	9.0	A
fluopyram	N-grnhs flower	1.35	N/A	6.0	A
flupyradifurone	Landscape maintenance	0.33	N/A	N/A	N/A
flutolanil	N-grnhs transplants	80.85	N/A	12.9	A
tau-fluvalinate	Landscape maintenance	0.03	N/A	N/A	N/A
fluxapyroxad	N-grnhs flower	2.77	N/A	49.0	A
fluxapyroxad	N-grnhs transplants	0.88	N/A	3.88	A
fosetyl-al	Landscape maintenance	1.6	N/A	N/A	N/A
free fatty acids and/or amine salts	Landscape maintenance	0.04	N/A	N/A	N/A
free fatty acids and/or amine salts	N-grnhs flower	1.09	N/A	8,000.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
gamma-cyhalothrin	Landscape maintenance	<0.01	N/A	N/A	N/A
gamma-cyhalothrin	Structural pest control	1.44	N/A	N/A	N/A
glufosinate-ammonium	Industrial site	5.9	N/A	10.7	A
glufosinate-ammonium	Landscape maintenance	13.12	N/A	N/A	N/A
glufosinate-ammonium	N-grnhs flower	0.48	N/A	3,000.0	S
glufosinate-ammonium	Rights of way	35.44	N/A	N/A	N/A
glutaraldehyde	Water (industrial)	376.35	N/A	53.0	U
glyphosate, dimethylamine salt	Rights of way	144.26	N/A	N/A	N/A
glyphosate, isopropylamine salt	Landscape maintenance	91.48	N/A	N/A	N/A
glyphosate, isopropylamine salt	Rights of way	118.49	N/A	N/A	N/A
glyphosate, isopropylamine salt	Structural pest control	0.01	N/A	N/A	N/A
glyphosate, monoammonium salt	Landscape maintenance	7.44	N/A	N/A	N/A
glyphosate, potassium salt	Landscape maintenance	85.71	N/A	N/A	N/A
glyphosate, potassium salt	N-grnhs flower	1.47	N/A	4.0	U
glyphosate, potassium salt	Rights of way	81.0	N/A	N/A	N/A
hydramethylnon	Landscape maintenance	<0.01	N/A	N/A	N/A
hydramethylnon	Regulatory pest control	0.01	N/A	N/A	N/A
hydramethylnon	Structural pest control	0.39	N/A	N/A	N/A
hydrogen peroxide	Cannabis (all or unspecified)	1.44	16	28,496.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
hydrogen peroxide	Structural pest control	13.29	N/A	N/A	N/A
hydroprene	Landscape maintenance	0.02	N/A	N/A	N/A
hydroprene	Regulatory pest control	7.43	N/A	N/A	N/A
hydroprene	Structural pest control	147.32	N/A	N/A	N/A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Cannabis (all or unspecified)	0.01	2	1,250.0	S
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Landscape maintenance	<0.01	N/A	N/A	N/A
imazamox, ammonium salt	Landscape maintenance	1.2	N/A	N/A	N/A
imazapyr, isopropylamine salt	Landscape maintenance	15.89	N/A	N/A	N/A
imazapyr, isopropylamine salt	Rights of way	4.3	N/A	N/A	N/A
imidacloprid	Landscape maintenance	49.07	N/A	N/A	N/A
imidacloprid	N-grnhs flower	<0.01	N/A	10.0	S
imidacloprid	N-grnhs transplants	3.89	N/A	10.38	A
imidacloprid	Regulatory pest control	0.34	N/A	N/A	N/A
imidacloprid	Structural pest control	62.22	N/A	N/A	N/A
indaziflam	Industrial site	0.97	N/A	10.7	A
indaziflam	Landscape maintenance	0.01	N/A	N/A	N/A
indaziflam	Rights of way	4.87	N/A	N/A	N/A
indoxacarb	Industrial site	<0.01	N/A	1,515,759.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
indoxacarb	Landscape maintenance	0.05	N/A	N/A	N/A
indoxacarb	N-grnhs transplants	3.61	N/A	21.76	A
indoxacarb	Regulatory pest control	0.53	N/A	N/A	N/A
indoxacarb	Structural pest control	94.15	N/A	N/A	N/A
iprodione	N-grnhs flower	9.61	N/A	3.0	A
iprodione	N-grnhs transplants	26.79	N/A	7.38	A
iron hedta	Landscape maintenance	0.3	N/A	N/A	N/A
iron phosphate	Landscape maintenance	0.53	N/A	N/A	N/A
iron phosphate	N-grnhs flower	0.01	N/A	250.0	S
iron phosphate	Structural pest control	0.07	N/A	N/A	N/A
alpha-isoctadecyl-omega-hydroxypoly(oxyethylene)	Landscape maintenance	0.22	N/A	N/A	N/A
isopropyl alcohol	Regulatory pest control	0.67	N/A	N/A	N/A
isopropyl alcohol	Structural pest control	21.37	N/A	N/A	N/A
isoxaben	Landscape maintenance	7.59	N/A	N/A	N/A
isoxaben	N-grnhs flower	19.34	N/A	19.0	A
isoxaben	Rights of way	11.99	N/A	N/A	N/A
lactic acid	N-grnhs flower	0.31	N/A	80.0	A
lambda-cyhalothrin	Regulatory pest control	<0.01	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
lambda-cyhalothrin	Structural pest control	11.04	N/A	N/A	N/A
lecithin	Industrial site	5.74	N/A	10.7	A
lecithin	Landscape maintenance	0.28	N/A	N/A	N/A
lecithin	N-grnhs flower	9.38	N/A	19.0	A
lecithin	Rights of way	0.45	N/A	N/A	N/A
limonene	Landscape maintenance	21.03	N/A	N/A	N/A
limonene	Structural pest control	98.44	N/A	N/A	N/A
margosa oil	Cannabis (all or unspecified)	1.03	26	18,050.0	S
margosa oil	Landscape maintenance	788.7	N/A	N/A	N/A
mecoprop-p	Landscape maintenance	0.84	N/A	N/A	N/A
mecoprop-p	N-grnhs flower	23.51	N/A	86.81	A
mecoprop-p	N-grnhs transplants	12.59	N/A	134.2	A
mefenoxam	Landscape maintenance	0.41	N/A	N/A	N/A
mefenoxam, other related	Landscape maintenance	0.01	N/A	N/A	N/A
mesotrione	N-grnhs flower	4.81	N/A	30.8	A
metam-sodium	Rights of way	4.42	N/A	N/A	N/A
metarhizium anisopliae strain f52	Landscape maintenance	0.01	N/A	N/A	N/A
metconazole	Landscape maintenance	5.0	N/A	N/A	N/A
methoprene	Landscape maintenance	0.02	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
methoprene	Public health	0.04	N/A	N/A	N/A
methoprene	Structural pest control	0.03	N/A	N/A	N/A
s-methoprene	Structural pest control	0.15	N/A	N/A	N/A
methyl anthranilate	Structural pest control	0.88	N/A	N/A	N/A
methylated soybean oil	Industrial site	2.87	N/A	10.7	A
methylated soybean oil	Landscape maintenance	0.14	N/A	N/A	N/A
methylated soybean oil	N-grnhs flower	16.32	N/A	19.0	A
methylated soybean oil	Rights of way	7.94	N/A	N/A	N/A
2-methyl-4-isothiazolin-3-one	Water (industrial)	2.98	N/A	631.0	U
methyl silicone resins	N-grnhs flower	0.01	N/A	38.0	A
metofluthrin	Structural pest control	0.03	N/A	N/A	N/A
mineral oil	Cannabis (all or unspecified)	11.86	54	60,990.0	S
mineral oil	Industrial hemp	2.31	36	17,976.0	S
mineral oil	Landscape maintenance	544.09	N/A	N/A	N/A
mineral oil	Public health	13.61	N/A	N/A	N/A
mineral oil	Turf/sod	255.67	N/A	484,500.0	S
muscalure	Structural pest control	<0.01	N/A	N/A	N/A
myclobutanil	Landscape maintenance	<0.01	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	5.38	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	N-grnhs flower	2.96	N/A	19.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Rights of way	5.01	N/A	N/A	N/A
novaluron	Structural pest control	0.69	N/A	N/A	N/A
noviflumuron	Structural pest control	0.07	N/A	N/A	N/A
n-octyl bicycloheptene dicarboximide	Regulatory pest control	0.78	N/A	N/A	N/A
n-octyl bicycloheptene dicarboximide	Structural pest control	53.47	N/A	N/A	N/A
octyl decyl dimethyl ammonium chloride	Landscape maintenance	0.04	N/A	N/A	N/A
octyl decyl dimethyl ammonium chloride	Regulatory pest control	0.01	N/A	N/A	N/A
octyl decyl dimethyl ammonium chloride	Structural pest control	2.09	N/A	N/A	N/A
oil of black pepper	Landscape maintenance	0.13	N/A	N/A	N/A
oleic acid, ethyl ester	Landscape maintenance	150.5	N/A	N/A	N/A
oleic acid, methyl ester	Landscape maintenance	<0.01	N/A	N/A	N/A
organosilicone, poly oxyalkylene ether copolymer	Landscape maintenance	0.54	N/A	N/A	N/A
oxadiazon	Landscape maintenance	1.0	N/A	N/A	N/A
oxyfluorfen	Rights of way	24.37	N/A	N/A	N/A
paclobutrazol	Landscape maintenance	15.53	N/A	N/A	N/A
paclobutrazol	N-grnhs flower	15.12	N/A	122.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
paclobutrazol	N-grnhs transplants	27.66	N/A	159.41	A
pendimethalin	Landscape maintenance	35.74	N/A	N/A	N/A
penoxsulam	Landscape maintenance	0.09	N/A	N/A	N/A
penoxsulam	N-grnhs flower	1.38	N/A	116.88	A
penoxsulam	N-grnhs flower	0.04	N/A	30,000.0	S
penoxsulam	N-grnhs transplants	0.29	N/A	29.75	A
penthiopyrad	N-grnhs flower	5.66	N/A	6.0	A
permethrin	Landscape maintenance	9.46	N/A	N/A	N/A
permethrin	Structural pest control	14.92	N/A	N/A	N/A
permethrin, other related	Structural pest control	0.05	N/A	N/A	N/A
peroxyacetic acid	Cannabis (all or unspecified)	0.16	16	28,496.0	S
peroxyacetic acid	Structural pest control	<0.01	N/A	N/A	N/A
petroleum distillates	Structural pest control	0.74	N/A	N/A	N/A
petroleum oil, unclassified	Landscape maintenance	23.89	N/A	N/A	N/A
phenothrin	Landscape maintenance	<0.01	N/A	N/A	N/A
phenothrin	Regulatory pest control	0.18	N/A	N/A	N/A
phenothrin	Structural pest control	7.78	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
phenylethyl propionate	Structural pest control	0.05	N/A	N/A	N/A
phosphoric acid	Rights of way	0.2	N/A	N/A	N/A
piperine	Landscape maintenance	0.05	N/A	N/A	N/A
piperonyl butoxide	Landscape maintenance	0.11	N/A	N/A	N/A
piperonyl butoxide	Regulatory pest control	1.88	N/A	N/A	N/A
piperonyl butoxide	Structural pest control	62.87	N/A	N/A	N/A
piperonyl butoxide, other related	Landscape maintenance	0.03	N/A	N/A	N/A
piperonyl butoxide, other related	Regulatory pest control	0.03	N/A	N/A	N/A
piperonyl butoxide, other related	Structural pest control	9.66	N/A	N/A	N/A
polyacrylamide, polyethylene glycol mixture	Rights of way	0.57	N/A	N/A	N/A
polyalkene oxide modified heptamethyl trisiloxane	Landscape maintenance	2.2	N/A	N/A	N/A
polybutenes	Structural pest control	2.43	N/A	N/A	N/A
polybutenes	Vertebrate control	1.28	N/A	N/A	N/A
polyether modified polysiloxane	Rights of way	1.04	N/A	N/A	N/A
polyethylene glycol diacetate	Landscape maintenance	<0.01	N/A	N/A	N/A
polyethylene glycol stearate	Landscape maintenance	0.09	N/A	N/A	N/A
polyoxyethylene dioleate	Landscape maintenance	26.27	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
polyoxyethylene polyoxypropylene	Cannabis (all or unspecified)	0.32	19	10,548.0	S
polyoxyethylene sorbitan monolaurate	N-grnhs flower	4.38	N/A	80.0	A
polyoxyethylene sorbitan monooleate	Landscape maintenance	7.51	N/A	N/A	N/A
potash soap	Cannabis (all or unspecified)	30.1	91	83,115.0	S
potash soap	Landscape maintenance	3.2	N/A	N/A	N/A
potassium bicarbonate	Cannabis (all or unspecified)	1.78	28	39,100.0	S
potassium phosphite	Cannabis (all or unspecified)	5.64	61	70,345.0	S
potassium phosphite	Landscape maintenance	1,054.32	N/A	N/A	N/A
potassium phosphite	N-grnhs transplants	505.4	N/A	40.02	A
potassium silicate	Cannabis (all or unspecified)	0.95	29	14,080.0	S
prallethrin	Landscape maintenance	0.01	N/A	N/A	N/A
prallethrin	Regulatory pest control	<0.01	N/A	N/A	N/A
prallethrin	Rights of way	<0.01	N/A	N/A	N/A
prallethrin	Structural pest control	0.44	N/A	N/A	N/A
prodiamine	Landscape maintenance	0.37	N/A	N/A	N/A
prodiamine	N-grnhs transplants	68.27	N/A	105.0	A
propiconazole	Landscape maintenance	0.27	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
propiconazole	N-grnhs flower	62.18	N/A	111.1	A
propiconazole	N-grnhs transplants	97.1	N/A	212.0	A
propylene glycol	Landscape maintenance	0.91	N/A	N/A	N/A
pymetrozine	Cannabis (all or unspecified)	0.02	8	6,500.0	S
pyraclostrobin	Landscape maintenance	0.11	N/A	N/A	N/A
pyraclostrobin	N-grnhs transplants	1.09	N/A	2.38	A
pyrethrins	Cannabis (all or unspecified)	0.29	90	88,600.0	S
pyrethrins	Landscape maintenance	0.01	N/A	N/A	N/A
pyrethrins	Regulatory pest control	0.13	N/A	N/A	N/A
pyrethrins	Structural pest control	15.36	N/A	N/A	N/A
pyriproxyfen	Regulatory pest control	<0.01	N/A	N/A	N/A
pyriproxyfen	Structural pest control	3.11	N/A	N/A	N/A
qst 713 strain of dried bacillus subtilis	Cannabis (all or unspecified)	0.54	81	67,000.0	S
quinclorac	Landscape maintenance	0.01	N/A	N/A	N/A
quinclorac, dimethylamine salt	Landscape maintenance	54.6	N/A	N/A	N/A
quinclorac, dimethylamine salt	N-grnhs transplants	7.89	N/A	9.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
reynoutria sachalinensis	Cannabis (all or unspecified)	24.79	88	87,335.0	S
reynoutria sachalinensis	Industrial hemp	0.1	13	11,096.0	S
rimsulfuron	Industrial site	0.02	N/A	10.7	A
sethoxydim	Landscape maintenance	0.2	N/A	N/A	N/A
silica aerogel	Landscape maintenance	0.01	N/A	N/A	N/A
silica aerogel	Regulatory pest control	4.63	N/A	N/A	N/A
silica aerogel	Structural pest control	35.58	N/A	N/A	N/A
sodium bromide	Water (industrial)	424.75	N/A	1,294.0	U
sodium decyl sulfate	Structural pest control	7.05	N/A	N/A	N/A
sodium dichloro-s-triazinetrione	Water (industrial)	10.89	N/A	132.0	U
sodium hypochlorite	Water (industrial)	837.05	N/A	1,311.0	U
sodium hypochlorite	Water systems - human potable/drinking	1.65	N/A	3.0	U
sodium lauroampho acetate	Structural pest control	5.32	N/A	N/A	N/A
sodium lauryl sulfate	Structural pest control	3.59	N/A	N/A	N/A
sodium nitrate	Structural pest control	5.69	N/A	N/A	N/A
sodium tetraborate (pentahydrate)	Structural pest control	0.5	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
spinosad	Landscape maintenance	0.74	N/A	N/A	N/A
spinosad	N-grnhs flower	2.5	N/A	3.0	A
spinosad	N-grnhs flower	<0.01	N/A	1,400.0	S
spinosad	Structural pest control	<0.01	N/A	N/A	N/A
spirotetramat	Landscape maintenance	0.02	N/A	N/A	N/A
streptomyces lydicus wyec 108	Cannabis (all or unspecified)	<0.01	53	26,500.0	S
sulfentrazone	Landscape maintenance	<0.01	N/A	N/A	N/A
sulfentrazone	Rights of way	0.04	N/A	N/A	N/A
sulfentrazone	Turf/sod	0.02	N/A	291,500.0	S
sulfometuron-methyl	Rights of way	7.55	N/A	N/A	N/A
sulfur	Cannabis (all or unspecified)	0.74	1	1,840.0	S
sulfur	Structural pest control	4.32	N/A	N/A	N/A
sulfuryl fluoride	Structural pest control	428.14	N/A	N/A	N/A
tebuconazole	Landscape maintenance	0.01	N/A	N/A	N/A
tebuconazole	N-grnhs flower	8.07	N/A	4.0	A
tebuthiuron	Rights of way	3.8	N/A	N/A	N/A
tetrachlorvinphos	N-grnhs flower	<0.01	N/A	0.25	A
z,e-9,12-tetradecadien-1-yl acetate	Structural pest control	0.08	N/A	N/A	N/A
tetramethrin	Regulatory pest control	<0.01	N/A	N/A	N/A
tetramethrin	Structural pest control	0.11	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
thiamethoxam	Regulatory pest control	0.13	N/A	N/A	N/A
thiamethoxam	Structural pest control	0.62	N/A	N/A	N/A
thiophanate	Landscape maintenance	0.19	N/A	N/A	N/A
thiophanate-methyl	Landscape maintenance	0.45	N/A	N/A	N/A
thiophanate-methyl	N-grnhs flower	18.55	N/A	3.0	A
thiophanate-methyl	N-grnhs transplants	90.02	N/A	118.5	A
thyme oil	Structural pest control	<0.01	N/A	N/A	N/A
topramezone	N-grnhs flower	1.02	N/A	29.0	A
topramezone	N-grnhs transplants	2.83	N/A	129.4	A
triadimefon	N-grnhs flower	1.37	N/A	3.0	A
triadimefon	N-grnhs transplants	14.24	N/A	10.5	A
trichoderma harzianum rifai strain krl-ag2	Cannabis (all or unspecified)	<0.01	1	1,000.0	S
trichoderma virens strain g-41	Cannabis (all or unspecified)	<0.01	1	1,000.0	S
triclopyr, butoxyethyl ester	Landscape maintenance	83.13	N/A	N/A	N/A
triclopyr, butoxyethyl ester	N-grnhs flower	228.39	N/A	153.8	A
triclopyr, butoxyethyl ester	N-grnhs transplants	179.29	N/A	130.38	A
triclopyr, butoxyethyl ester	Rights of way	86.78	N/A	N/A	N/A
triclopyr, butoxyethyl ester	Turf/sod	0.25	N/A	291,500.0	S
triclopyr choline	Landscape maintenance	10.77	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
triclopyr choline	Rights of way	1.23	N/A	N/A	N/A
triclopyr, triethylamine salt	Landscape maintenance	0.17	N/A	N/A	N/A
triclopyr, triethylamine salt	Rights of way	12.36	N/A	N/A	N/A
trifloxystrobin	N-grnhs flower	0.87	N/A	6.0	A
trifloxystrobin	N-grnhs transplants	6.68	N/A	24.26	A
trifluralin	Landscape maintenance	0.1	N/A	N/A	N/A
trinexapac-ethyl	Landscape maintenance	11.03	N/A	N/A	N/A
trinexapac-ethyl	N-grnhs flower	43.37	N/A	201.0	A
trinexapac-ethyl	N-grnhs transplants	95.87	N/A	1,105.08	A
trinexapac-ethyl	N-outdr flower	0.33	N/A	3.0	A
trinexapac-ethyl	Turf/sod	1.26	N/A	774,000.0	S
triptolide	Landscape maintenance	<0.01	N/A	N/A	N/A
triptolide	Structural pest control	<0.01	N/A	N/A	N/A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Industrial site	2.87	N/A	10.7	A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Landscape maintenance	0.14	N/A	N/A	N/A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	N-grnhs flower	8.48	N/A	19.0	A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Rights of way	5.24	N/A	N/A	N/A
4-vinylcyclohexenediepoide	Landscape maintenance	0.06	N/A	N/A	N/A
4-vinylcyclohexenediepoide	Structural pest control	0.04	N/A	N/A	N/A
warfarin	Landscape maintenance	<0.01	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
warfarin	Structural pest control	<0.01	N/A	N/A	N/A
zinc phosphide	Landscape maintenance	0.08	N/A	N/A	N/A
zinc phosphide	Structural pest control	0.49	N/A	N/A	N/A