

# 2020 Annual Statewide Pesticide Use Report Indexed by Chemical MARIN 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	N-grnhs plants in containers	<0.01	2	5,710.0	S
abamectin	Structural pest control	0.03	N/A	N/A	N/A
abamectin, other related	Structural pest control	<0.01	N/A	N/A	N/A
acephate	N-grnhs plants in containers	1.34	3	21,534.0	S
acephate	Structural pest control	6.09	N/A	N/A	N/A
acetamiprid	Landscape maintenance	15.9	N/A	N/A	N/A
acetamiprid	N-grnhs flower	0.04	N/A	13.0	U
acetamiprid	Structural pest control	2.03	N/A	N/A	N/A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
acetic acid	Landscape maintenance	1.2	N/A	N/A	N/A
acibenzolar-s-methyl	Landscape maintenance	0.13	N/A	N/A	N/A
alcohols, c12-c14, aliphatic	Rights of way	17.19	N/A	N/A	N/A
alkyl (50%c14, 40%c12, 10%c16) dimethylbenzyl ammonium chloride	Structural pest control	0.34	N/A	N/A	N/A
alkyl (60%c14, 30%c16, 5%c12, 5%c18) dimethylbenzyl ammonium chloride	Food processing plant	7.45	N/A	2.0	U
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	Food processing plant	7.45	N/A	2.0	U
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)	Landscape maintenance	0.1	N/A	N/A	N/A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Rights of way	30.14	N/A	N/A	N/A
alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	Grape, wine	17.16	12	100.83	A
alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	1.8	N/A	N/A	N/A
alkyl (c9-c11) oligomeric d-glucopyranoside	Rights of way	49.12	N/A	N/A	N/A
alkyl (c8,c10) polyglucoside	Landscape maintenance	132.12	N/A	N/A	N/A
alkyl (c8,c10) polyglucoside	N-grnhs flower	0.55	N/A	650.0	S
alkyl (c8,c10) polyglucoside	Pastureland	3.2	4	12.0	A
alkyl (c8,c10) polyglucoside	Structural pest control	21.08	N/A	N/A	N/A
d-trans allethrin	Public health	<0.01	N/A	N/A	N/A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>d-trans allethrin</b>	Structural pest control	0.15	N/A	N/A	N/A
<b>aminocyclopyrachlor, potassium salt</b>	Rights of way	6.18	N/A	N/A	N/A
<b>aminopyralid, triisopropanolamine salt</b>	Landscape maintenance	2.41	N/A	N/A	N/A
<b>aminopyralid, triisopropanolamine salt</b>	N-grnhs flower	0.02	N/A	650.0	S
<b>aminopyralid, triisopropanolamine salt</b>	Pastureland	58.06	7	289.0	A
<b>aminopyralid, triisopropanolamine salt</b>	Rights of way	78.21	N/A	N/A	N/A
<b>ammonium nonanoate</b>	Landscape maintenance	2.11	N/A	N/A	N/A
<b>ammonium nitrate</b>	Landscape maintenance	5.92	N/A	N/A	N/A
<b>ammonium nitrate</b>	Pastureland	1.53	4	12.0	A
<b>ammonium nitrate</b>	Rights of way	3.89	N/A	N/A	N/A
<b>ammonium nitrate</b>	Structural pest control	0.52	N/A	N/A	N/A
<b>ammonium sulfate</b>	Landscape maintenance	10.49	N/A	N/A	N/A
<b>ammonium sulfate</b>	Pastureland	3.05	4	12.0	A
<b>ammonium sulfate</b>	Rights of way	96.25	N/A	N/A	N/A
<b>ammonium sulfate</b>	Structural pest control	0.52	N/A	N/A	N/A
<b>azadirachtin</b>	Landscape maintenance	4.38	N/A	N/A	N/A
<b>azadirachtin</b>	N-grnhs flower	0.01	N/A	4.0	U
<b>azadirachtin</b>	N-grnhs plants in containers	0.07	4	22,744.0	S
<b>azoxystrobin</b>	Landscape maintenance	20.85	N/A	N/A	N/A
<b>azoxystrobin</b>	N-grnhs flower	0.03	N/A	69.0	U

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
azoxystrobin	Structural pest control	0.01	N/A	N/A	N/A
bacillus amyloliquefaciens strain d747	Landscape maintenance	3.89	N/A	N/A	N/A
bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins	Public health	236.08	N/A	N/A	N/A
bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	Landscape maintenance	0.08	N/A	N/A	N/A
bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	Structural pest control	0.02	N/A	N/A	N/A
bacillus thuringiensis, subsp. israelensis, strain am 65-52	Public health	666.01	N/A	N/A	N/A
bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	Forage hay/silage	10.8	1	10.0	A
bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	Landscape maintenance	150.21	N/A	N/A	N/A
benzoic acid	Landscape maintenance	0.34	N/A	N/A	N/A
benzoic acid	Rights of way	6.23	N/A	N/A	N/A
bifenazate	Landscape maintenance	0.77	N/A	N/A	N/A
bifenthrin	Landscape maintenance	34.49	N/A	N/A	N/A
bifenthrin	Structural pest control	56.77	N/A	N/A	N/A
n,n-bis-(2-(omega-hydroxypoly(oxyethylene)/poly(oxypropylene))ethyl)alkyl (c8-c18) amine	Landscape maintenance	52.18	N/A	N/A	N/A
borax	Landscape maintenance	0.02	N/A	N/A	N/A
borax	Rights of way	1,089.9	N/A	N/A	N/A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>borax</b>	Structural pest control	193.54	N/A	N/A	N/A
<b>boric acid</b>	Structural pest control	518.74	N/A	N/A	N/A
<b>boscalid</b>	Grape, wine	74.03	4	76.0	A
<b>boscalid</b>	Landscape maintenance	2.96	N/A	N/A	N/A
<b>brodifacoum</b>	Structural pest control	<0.01	N/A	N/A	N/A
<b>bromadiolone</b>	Regulatory pest control	<0.01	N/A	N/A	N/A
<b>bromadiolone</b>	Structural pest control	0.22	N/A	N/A	N/A
<b>bromethalin</b>	Landscape maintenance	0.01	N/A	N/A	N/A
<b>bromethalin</b>	Structural pest control	0.04	N/A	N/A	N/A
<b>2-butoxyethanol</b>	Rights of way	44.21	N/A	N/A	N/A
<b>butyl alcohol</b>	Structural pest control	412.34	N/A	N/A	N/A
<b>calcium chloride</b>	Grape, wine	0.01	1	0.16	A
<b>canola oil</b>	Landscape maintenance	<0.01	N/A	N/A	N/A
<b>capric acid</b>	Landscape maintenance	1.5	N/A	N/A	N/A
<b>caprylic acid</b>	Landscape maintenance	2.2	N/A	N/A	N/A
<b>carbon dioxide</b>	Landscape maintenance	45.88	N/A	N/A	N/A
<b>carfentrazone-ethyl</b>	Landscape maintenance	8.28	N/A	N/A	N/A
<b>carfentrazone-ethyl</b>	Rights of way	0.18	N/A	N/A	N/A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
carfentrazone-ethyl	Structural pest control	<0.01	N/A	N/A	N/A
chlorantraniliprole	Landscape maintenance	14.55	N/A	N/A	N/A
chlorantraniliprole	Structural pest control	19.74	N/A	N/A	N/A
chlorfenapyr	Structural pest control	75.15	N/A	N/A	N/A
chlorflurenol, methyl ester	Landscape maintenance	0.02	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)	1.13	N/A	144.0	U
chlorophacinone	Landscape maintenance	0.02	N/A	N/A	N/A
chlorophacinone	Structural pest control	<0.01	N/A	N/A	N/A
chloropicrin	Structural pest control	0.3	N/A	N/A	N/A
chlorothalonil	Landscape maintenance	677.84	N/A	N/A	N/A
chlorothalonil	N-grnhs flower	0.23	N/A	2.0	U
chlorpyrifos	Landscape maintenance	0.24	N/A	N/A	N/A
chlorsulfuron	Landscape maintenance	0.01	N/A	N/A	N/A
chlorsulfuron	Rights of way	3.47	N/A	N/A	N/A
cholecalciferol	Landscape maintenance	0.03	N/A	N/A	N/A
cholecalciferol	Structural pest control	0.85	N/A	N/A	N/A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>chromobacterium subtsugae strain praa4-1</b>	Landscape maintenance	0.3	N/A	N/A	N/A
<b>citric acid</b>	Grape, wine	0.04	1	0.16	A
<b>clarified hydrophobic extract of neem oil</b>	Landscape maintenance	2.78	N/A	N/A	N/A
<b>clopyralid, monoethanolamine salt</b>	Landscape maintenance	8.0	N/A	N/A	N/A
<b>clopyralid, monoethanolamine salt</b>	Pastureland	54.2	10	185.0	A
<b>clopyralid,triethylamine salt</b>	Landscape maintenance	1.58	N/A	N/A	N/A
<b>clothianidin</b>	Landscape maintenance	5.83	N/A	N/A	N/A
<b>clothianidin</b>	Structural pest control	0.37	N/A	N/A	N/A
<b>coconut diethanolamide</b>	Landscape maintenance	1.82	N/A	N/A	N/A
<b>copper diammonium diacetate complex</b>	Landscape maintenance	0.24	N/A	N/A	N/A
<b>copper ethanolamine complexes, mixed</b>	Water (industrial)	21.02	N/A	5.75	A
<b>copper ethanolamine complexes, mixed</b>	Water area	2.76	N/A	0.25	A
<b>copper ethanolamine complexes, mixed</b>	Water area	17,728.03	N/A	865,468.1	K
<b>copper ethylenediamine complex</b>	Water (industrial)	30.0	N/A	4.5	A
<b>copper hydroxide</b>	Apple	0.21	1	6,700.0	S
<b>copper hydroxide</b>	Grape, wine	7.8	2	24.2	A
<b>copper hydroxide</b>	Landscape maintenance	44.14	N/A	N/A	N/A
<b>copper hydroxide</b>	Olive	112.23	22	121.34	A
<b>copper hydroxide</b>	Rights of way	77.67	N/A	N/A	N/A
<b>copper octanoate</b>	Landscape maintenance	<0.01	N/A	N/A	N/A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>copper oxide (ous)</b>	Grape, wine	159.41	8	152.0	A
<b>copper oxide (ous)</b>	Olive	230.31	10	56.2	A
<b>copper oxychloride</b>	Apple	0.24	1	6,700.0	S
<b>copper oxychloride</b>	Grape, wine	8.65	2	24.2	A
<b>copper oxychloride</b>	Landscape maintenance	48.08	N/A	N/A	N/A
<b>copper oxychloride</b>	Olive	124.4	22	121.34	A
<b>copper sulfate (pentahydrate)</b>	N-grnhs plants in containers	<0.01	1	4.0	C
<b>copper sulfate (pentahydrate)</b>	Water (industrial)	4.88	N/A	2.0	A
<b>coyote urine</b>	Landscape maintenance	0.17	N/A	N/A	N/A
<b>coyote urine</b>	Structural pest control	0.03	N/A	N/A	N/A
<b>cyantraniliprole</b>	N-grnhs plants in containers	0.08	2	5,710.0	S
<b>cyantraniliprole</b>	Structural pest control	<0.01	N/A	N/A	N/A
<b>cyazofamid</b>	Landscape maintenance	0.5	N/A	N/A	N/A
<b>cyfluthrin</b>	Landscape maintenance	0.06	N/A	N/A	N/A
<b>cyfluthrin</b>	Structural pest control	2.19	N/A	N/A	N/A
<b>beta-cyfluthrin</b>	Landscape maintenance	0.58	N/A	N/A	N/A
<b>beta-cyfluthrin</b>	Structural pest control	93.13	N/A	N/A	N/A
<b>cypermethrin</b>	Structural pest control	10.86	N/A	N/A	N/A



<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>2,4-d, dimethylamine salt</b>	Landscape maintenance	0.01	N/A	N/A	N/A
<b>2,4-d, dimethylamine salt</b>	Pastureland	28.13	4	50.0	A
<b>2,4-d, 2-ethylhexyl ester</b>	Landscape maintenance	18.27	N/A	N/A	N/A
<b>2,4-d, 2-ethylhexyl ester</b>	Rights of way	3.51	N/A	N/A	N/A
<b>2,4-d, 2-ethylhexyl ester</b>	Structural pest control	0.05	N/A	N/A	N/A
<b>deltamethrin</b>	Landscape maintenance	<0.01	N/A	N/A	N/A
<b>deltamethrin</b>	Structural pest control	35.91	N/A	N/A	N/A
<b>diatomaceous earth</b>	Structural pest control	13.57	N/A	N/A	N/A
<b>dicamba</b>	Landscape maintenance	1.2	N/A	N/A	N/A
<b>dicamba</b>	Rights of way	0.22	N/A	N/A	N/A
<b>dicamba</b>	Structural pest control	<0.01	N/A	N/A	N/A
<b>dicamba, dimethylamine salt</b>	Landscape maintenance	<0.01	N/A	N/A	N/A
<b>didecyl dimethyl ammonium chloride</b>	Structural pest control	0.1	N/A	N/A	N/A
<b>diethylene glycol</b>	Landscape maintenance	1.24	N/A	N/A	N/A
<b>diethylene glycol</b>	Rights of way	<0.01	N/A	N/A	N/A
<b>difethialone</b>	Structural pest control	0.07	N/A	N/A	N/A
<b>dikegulac sodium</b>	Landscape maintenance	2.26	N/A	N/A	N/A
<b>dimethyl alkyl tertiary amines</b>	Landscape maintenance	0.37	N/A	N/A	N/A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
dimethyl alkyl tertiary amines	Rights of way	6.79	N/A	N/A	N/A
dimethylpolysiloxane	Landscape maintenance	0.07	N/A	N/A	N/A
dimethylpolysiloxane	Pastureland	0.02	8	24.0	A
dimethylpolysiloxane	Rights of way	<0.01	N/A	N/A	N/A
dimethylpolysiloxane	Structural pest control	4.17	N/A	N/A	N/A
dinotefuran	Landscape maintenance	14.81	N/A	N/A	N/A
dinotefuran	N-grnhs flower	0.13	N/A	10.0	U
dinotefuran	N-grnhs plants in containers	<0.01	1	4.0	C
dinotefuran	N-grnhs plants in containers	0.08	1	5,600.0	S
dinotefuran	Structural pest control	38.97	N/A	N/A	N/A
dioctyl dimethyl ammonium chloride	Structural pest control	0.1	N/A	N/A	N/A
diphacinone	Landscape maintenance	0.01	N/A	N/A	N/A
diphacinone	Structural pest control	0.29	N/A	N/A	N/A
diphacinone, sodium salt	Structural pest control	0.01	N/A	N/A	N/A
diquat dibromide	Landscape maintenance	3.73	N/A	N/A	N/A
diquat dibromide	N-outdr plants in containers	0.22	7	15,000.0	S
diquat dibromide	Rights of way	111.35	N/A	N/A	N/A
diquat dibromide	Water (industrial)	107.21	N/A	14.5	A
diquat dibromide	Water area	447.5	N/A	60.0	A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>disodium octaborate anhydrous</b>	Rights of way	5.44	N/A	N/A	N/A
<b>disodium octaborate tetrahydrate</b>	Regulatory pest control	22.05	N/A	N/A	N/A
<b>disodium octaborate tetrahydrate</b>	Structural pest control	1,269.81	N/A	N/A	N/A
<b>dithiopyr</b>	Landscape maintenance	118.26	N/A	N/A	N/A
<b>dithiopyr</b>	Rights of way	114.91	N/A	N/A	N/A
<b>dithiopyr</b>	Structural pest control	15.99	N/A	N/A	N/A
<b>diuron</b>	Rights of way	2.89	N/A	N/A	N/A
<b>dodecylbenzene sulfonic acid</b>	Landscape maintenance	7.88	N/A	N/A	N/A
<b>alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)</b>	Landscape maintenance	0.43	N/A	N/A	N/A
<b>2,4-dp-p, isoctyl ester</b>	Landscape maintenance	0.07	N/A	N/A	N/A
<b>edta, tetrasodium salt</b>	Landscape maintenance	0.48	N/A	N/A	N/A
<b>emamectin benzoate</b>	Landscape maintenance	0.08	N/A	N/A	N/A
<b>emamectin benzoate</b>	N-grnhs flower	<0.01	N/A	1.0	U
<b>emamectin benzoate</b>	Structural pest control	<0.01	N/A	N/A	N/A
<b>endothall, mono [n,n-dimethyl alkylamine] salt</b>	Water area	0.34	N/A	0.01	A
<b>esfenvalerate</b>	Landscape maintenance	0.28	N/A	N/A	N/A
<b>esfenvalerate</b>	Structural pest control	6.81	N/A	N/A	N/A
<b>ethephon</b>	Landscape maintenance	141.73	N/A	N/A	N/A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
ethephon	Structural pest control	0.66	N/A	N/A	N/A
etofenprox	Public health	0.56	N/A	N/A	N/A
etofenprox	Structural pest control	0.21	N/A	N/A	N/A
ethofumesate	Landscape maintenance	262.78	N/A	N/A	N/A
fatty acids, methyl esters	Grape, wine	9.28	6	20.42	A
fatty acids, mixed	Rights of way	<0.01	N/A	N/A	N/A
fatty acids, c16-c18 and c18-unsaturated, methyl esters	Water (industrial)	0.4	N/A	7.0	A
fatty acids derived from tallow	Landscape maintenance	0.72	N/A	N/A	N/A
fipronil	Landscape maintenance	0.04	N/A	N/A	N/A
fipronil	Regulatory pest control	0.18	N/A	N/A	N/A
fipronil	Structural pest control	135.62	N/A	N/A	N/A
fluazifop-p-butyl	Landscape maintenance	2.21	N/A	N/A	N/A
fluazinam	Landscape maintenance	1,203.84	N/A	N/A	N/A
fludioxonil	Landscape maintenance	10.83	N/A	N/A	N/A
fluopicolide	Landscape maintenance	0.75	N/A	N/A	N/A
fluopyram	Landscape maintenance	3.44	N/A	N/A	N/A
flupyradifurone	Landscape maintenance	1.0	N/A	N/A	N/A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
flurecol-methyl	Landscape maintenance	<0.01	N/A	N/A	N/A
fluridone	Water area	0.1	N/A	0.25	A
flurprimidol	Landscape maintenance	1.28	N/A	N/A	N/A
flutolanil	Landscape maintenance	37.47	N/A	N/A	N/A
tau-fluvalinate	Landscape maintenance	0.24	N/A	N/A	N/A
fluxapyroxad	Landscape maintenance	6.14	N/A	N/A	N/A
foramsulfuron	Landscape maintenance	0.1	N/A	N/A	N/A
fosetyl-al	Landscape maintenance	1.1	N/A	N/A	N/A
fox urine	Landscape maintenance	0.07	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	3.28	N/A	N/A	N/A
gamma-cyhalothrin	Structural pest control	0.38	N/A	N/A	N/A
glufosinate-ammonium	Grape, wine	5.84	1	8.5	A
glufosinate-ammonium	Landscape maintenance	139.81	N/A	N/A	N/A
glufosinate-ammonium	Rights of way	66.59	N/A	N/A	N/A
glyphosate, dimethylamine salt	Rights of way	1,035.36	N/A	N/A	N/A
glyphosate, isopropylamine salt	Grape, wine	8.0	2	10.0	A
glyphosate, isopropylamine salt	Landscape maintenance	524.02	N/A	N/A	N/A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
glyphosate, isopropylamine salt	N-outdr plants in containers	10.98	15	37,000.0	S
glyphosate, isopropylamine salt	Regulatory pest control	0.21	N/A	N/A	N/A
glyphosate, isopropylamine salt	Rights of way	199.3	N/A	N/A	N/A
glyphosate, isopropylamine salt	Water (industrial)	5.4	N/A	2.0	A
glyphosate, monoammonium salt	Landscape maintenance	0.11	N/A	N/A	N/A
glyphosate, potassium salt	Grape, wine	47.53	9	35.02	A
glyphosate, potassium salt	Landscape maintenance	522.38	N/A	N/A	N/A
glyphosate, potassium salt	Pastureland	49.65	4	12.0	A
halosulfuron-methyl	Landscape maintenance	0.02	N/A	N/A	N/A
hexaflumuron	Structural pest control	0.02	N/A	N/A	N/A
hexylene glycol	Rights of way	44.21	N/A	N/A	N/A
hydramethylnon	Structural pest control	0.26	N/A	N/A	N/A
hydrogen peroxide	Grape, wine	135.52	22	106.81	A
hydrogen peroxide	Structural pest control	0.35	N/A	N/A	N/A
hydrogen peroxide	Water (industrial)	2,828.96	N/A	10.0	U
hydroprene	Structural pest control	524.91	N/A	N/A	N/A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Grape, wine	0.72	9	4.16	A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Landscape maintenance	8.41	N/A	N/A	N/A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate</b>	N-grnhs flower	0.4	N/A	11.0	U
<b>imazamox, ammonium salt</b>	Water (industrial)	6.35	N/A	3.5	A
<b>imazapyr, isopropylamine salt</b>	Landscape maintenance	1.12	N/A	N/A	N/A
<b>imazapyr, isopropylamine salt</b>	Regulatory pest control	0.08	N/A	N/A	N/A
<b>imazapyr, isopropylamine salt</b>	Rights of way	2.47	N/A	N/A	N/A
<b>imazapyr, isopropylamine salt</b>	Water area	0.03	N/A	2,250.0	S
<b>imidacloprid</b>	Landscape maintenance	188.41	N/A	N/A	N/A
<b>imidacloprid</b>	N-grnhs flower	1.55	N/A	121.0	U
<b>imidacloprid</b>	N-outdr plants in containers	0.04	4	650.0	S
<b>imidacloprid</b>	Structural pest control	154.18	N/A	N/A	N/A
<b>indaziflam</b>	Grape, wine	0.42	6	20.42	A
<b>indaziflam</b>	Landscape maintenance	1.13	N/A	N/A	N/A
<b>indaziflam</b>	Rights of way	13.34	N/A	N/A	N/A
<b>indoxacarb</b>	Landscape maintenance	0.65	N/A	N/A	N/A
<b>indoxacarb</b>	Structural pest control	2.86	N/A	N/A	N/A
<b>iprodione</b>	Landscape maintenance	116.27	N/A	N/A	N/A
<b>iron hedta</b>	Landscape maintenance	1.09	N/A	N/A	N/A
<b>iron phosphate</b>	Landscape maintenance	19.55	N/A	N/A	N/A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
iron phosphate	Structural pest control	0.01	N/A	N/A	N/A
iron phosphate	Uncultivated ag	1.35	7	3.75	A
iron phosphate	Uncultivated ag	0.24	31	24,360.0	S
alpha-isooctadecyl-omega-hydroxypoly(oxyethylene)	Public health	10.15	N/A	N/A	N/A
isopropyl alcohol	Landscape maintenance	2.4	N/A	N/A	N/A
isopropyl alcohol	Pastureland	0.32	4	12.0	A
isopropyl alcohol	Structural pest control	0.04	N/A	N/A	N/A
isoxaben	Landscape maintenance	62.08	N/A	N/A	N/A
isoxaben	Rights of way	171.23	N/A	N/A	N/A
kaolin	Olive	2,401.59	26	142.05	A
(s)-kinoprene	Landscape maintenance	0.17	N/A	N/A	N/A
lactic acid	Landscape maintenance	3.93	N/A	N/A	N/A
lambda-cyhalothrin	Landscape maintenance	0.1	N/A	N/A	N/A
lambda-cyhalothrin	Structural pest control	9.42	N/A	N/A	N/A
lecithin	Landscape maintenance	8.72	N/A	N/A	N/A
lecithin	Rights of way	15.64	N/A	N/A	N/A
lecithin	Water area	1.63	N/A	2,250.0	S
limonene	Landscape maintenance	94.16	N/A	N/A	N/A
limonene	Structural pest control	169.3	N/A	N/A	N/A
limonene	Water (industrial)	2.02	N/A	7.0	A



<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
low molecular weight paraffinic oil	Rights of way	11.63	N/A	N/A	N/A
malathion	Landscape maintenance	0.1	N/A	N/A	N/A
mancozeb	Landscape maintenance	67.2	N/A	N/A	N/A
mcpp, dimethylamine salt	Landscape maintenance	<0.01	N/A	N/A	N/A
mecoprop-p	Landscape maintenance	3.54	N/A	N/A	N/A
mecoprop-p	Rights of way	0.89	N/A	N/A	N/A
mecoprop-p	Structural pest control	0.01	N/A	N/A	N/A
mefenoxam	Landscape maintenance	4.54	N/A	N/A	N/A
mefenoxam	Structural pest control	0.16	N/A	N/A	N/A
mefenoxam, other related	Landscape maintenance	0.04	N/A	N/A	N/A
mefluidide, diethanolamine salt	Landscape maintenance	0.48	N/A	N/A	N/A
mesotrione	Landscape maintenance	0.57	N/A	N/A	N/A
metam-sodium	Rights of way	1,421.34	N/A	N/A	N/A
metconazole	Landscape maintenance	4.69	N/A	N/A	N/A
methoprene	Public health	40.42	N/A	N/A	N/A
methoprene	Structural pest control	0.01	N/A	N/A	N/A
s-methoprene	Public health	34.82	N/A	N/A	N/A
s-methoprene	Structural pest control	0.05	N/A	N/A	N/A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>methylated soybean oil</b>	Landscape maintenance	29.66	N/A	N/A	N/A
<b>methylated soybean oil</b>	Rights of way	335.8	N/A	N/A	N/A
<b>methylated soybean oil</b>	Water area	0.82	N/A	2,250.0	S
<b>methyl-2,7-dichloro-9-hydroxyfluorene-9-carboxylate</b>	Landscape maintenance	<0.01	N/A	N/A	N/A
<b>2-methyl-4-isothiazolin-3-one</b>	Water (industrial)	0.4	N/A	144.0	U
<b>metofluthrin</b>	Structural pest control	0.01	N/A	N/A	N/A
<b>mineral oil</b>	Grape, wine	1,492.27	25	254.59	A
<b>mineral oil</b>	Landscape maintenance	3.17	1	2.0	A
<b>mineral oil</b>	Landscape maintenance	2,037.36	N/A	N/A	N/A
<b>mineral oil</b>	N-grnhs plants in containers	8.82	2	14,400.0	S
<b>mineral oil</b>	Olive	168.66	10	56.2	A
<b>mineral oil</b>	Public health	662.09	N/A	N/A	N/A
<b>mineral oil</b>	Structural pest control	2.7	N/A	N/A	N/A
<b>muscalure</b>	Structural pest control	0.01	N/A	N/A	N/A
<b>myclobutanil</b>	Landscape maintenance	2.01	N/A	N/A	N/A
<b>naa, ammonium salt</b>	Landscape maintenance	0.67	N/A	N/A	N/A
<b>alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)</b>	Grape, wine	0.59	6	20.42	A
<b>alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)</b>	Landscape maintenance	281.5	N/A	N/A	N/A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	N-grnhs flower	9.91	N/A	761.0	U
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Pastureland	3.69	4	12.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Rights of way	11.36	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Structural pest control	3,332.0	N/A	N/A	N/A
novaluron	Structural pest control	0.08	N/A	N/A	N/A
noviflumuron	Structural pest control	1.54	N/A	N/A	N/A
n-octyl bicycloheptene dicarboximide	Landscape maintenance	<0.01	N/A	N/A	N/A
n-octyl bicycloheptene dicarboximide	Public health	0.75	N/A	N/A	N/A
n-octyl bicycloheptene dicarboximide	Structural pest control	6.92	N/A	N/A	N/A
octyl decyl dimethyl ammonium chloride	Structural pest control	0.2	N/A	N/A	N/A
oleic acid, ethyl ester	Landscape maintenance	73.73	N/A	N/A	N/A
oleic acid, ethyl ester	N-grnhs flower	1.73	N/A	45.0	U
oleic acid, ethyl ester	Regulatory pest control	0.15	N/A	N/A	N/A
oleic acid, ethyl ester	Rights of way	0.01	N/A	N/A	N/A
oleic acid, methyl ester	Landscape maintenance	20.96	N/A	N/A	N/A
oleic acid, methyl ester	N-grnhs flower	1.42	N/A	3.0	U
oleic acid, methyl ester	Rights of way	1.24	N/A	N/A	N/A
organosilicone, poly oxyalkylene ether copolymer	Landscape maintenance	88.5	N/A	N/A	N/A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>organosilicone, poly oxyalkylene ether copolymer</b>	N-grnhs flower	5.04	N/A	761.0	U
<b>oryzalin</b>	Landscape maintenance	10.24	N/A	N/A	N/A
<b>oxyfluorfen</b>	Pastureland	6.02	4	12.0	A
<b>paclobutrazol</b>	Landscape maintenance	141.18	N/A	N/A	N/A
<b>paclobutrazol</b>	N-grnhs flower	0.02	N/A	1.0	U
<b>pendimethalin</b>	Landscape maintenance	74.66	N/A	N/A	N/A
<b>pendimethalin</b>	N-outdr plants in containers	0.05	4	6,700.0	S
<b>penoxsulam</b>	Landscape maintenance	0.68	N/A	N/A	N/A
<b>permethrin</b>	Landscape maintenance	160.26	N/A	N/A	N/A
<b>permethrin</b>	N-grnhs flower	3.73	N/A	540.0	U
<b>permethrin</b>	Structural pest control	8.61	N/A	N/A	N/A
<b>permethrin, other related</b>	Landscape maintenance	<0.01	N/A	N/A	N/A
<b>permethrin, other related</b>	Structural pest control	<0.01	N/A	N/A	N/A
<b>peroxyacetic acid</b>	Water (industrial)	597.82	N/A	10.0	U
<b>petroleum distillates</b>	Public health	24.22	N/A	N/A	N/A
<b>petroleum distillates</b>	Structural pest control	<0.01	N/A	N/A	N/A
<b>petroleum distillates, refined</b>	Structural pest control	1.77	N/A	N/A	N/A
<b>petroleum oil, unclassified</b>	Landscape maintenance	0.22	N/A	N/A	N/A
<b>phenothrin</b>	Public health	<0.01	N/A	N/A	N/A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
phenothrin	Structural pest control	0.67	N/A	N/A	N/A
phenylethyl propionate	Structural pest control	0.43	N/A	N/A	N/A
phosphoric acid	Landscape maintenance	1.55	N/A	N/A	N/A
piperonyl butoxide	Landscape maintenance	9.61	N/A	N/A	N/A
piperonyl butoxide	Public health	32.82	N/A	N/A	N/A
piperonyl butoxide	Structural pest control	278.22	N/A	N/A	N/A
piperonyl butoxide, other related	Landscape maintenance	2.4	N/A	N/A	N/A
piperonyl butoxide, other related	Public health	7.12	N/A	N/A	N/A
piperonyl butoxide, other related	Structural pest control	45.69	N/A	N/A	N/A
polyacrylamide polymer	Rights of way	2.59	N/A	N/A	N/A
polyalkene oxide modified heptamethyl trisiloxane	Landscape maintenance	48.8	N/A	N/A	N/A
polybutenes	Structural pest control	<0.01	N/A	N/A	N/A
polybutenes	Vertebrate control	1.92	N/A	N/A	N/A
polyethoxylated castor oil	Landscape maintenance	0.21	N/A	N/A	N/A
polyethylene glycol	Pastureland	2.02	4	12.0	A
polyethylene glycol stearate	Landscape maintenance	4.61	N/A	N/A	N/A
polyethylene glycol stearate	N-grnhs flower	0.43	N/A	45.0	U
polyethylene glycol stearate	Rights of way	<0.01	N/A	N/A	N/A
polymerized pinene	Landscape maintenance	7.56	N/A	N/A	N/A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
polyoxin d, zinc salt	Landscape maintenance	0.35	N/A	N/A	N/A
polyoxin d, zinc salt	Lettuce, head	0.01	1	12.49	A
poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	Landscape maintenance	0.02	N/A	N/A	N/A
polyoxyethylene dioleate	Landscape maintenance	9.68	N/A	N/A	N/A
polyoxyethylene dioleate	Regulatory pest control	0.03	N/A	N/A	N/A
polyoxyethylene polyoxypropylene	Rights of way	<0.01	N/A	N/A	N/A
polyoxyethylene sorbitan monolaurate	Landscape maintenance	56.11	N/A	N/A	N/A
polyoxyethylene sorbitan monooleate	Landscape maintenance	2.76	N/A	N/A	N/A
polyoxyethylene sorbitan monooleate	Regulatory pest control	0.01	N/A	N/A	N/A
polysorbate 65	Landscape maintenance	0.28	N/A	N/A	N/A
potash soap	Landscape maintenance	9.34	N/A	N/A	N/A
potassium bicarbonate	Grape, wine	4.91	1	4.0	A
potassium phosphite	Landscape maintenance	17,239.03	N/A	N/A	N/A
potassium phosphite	N-grnhs flower	509.55	N/A	1,059.0	U
potassium phosphite	Structural pest control	953.32	N/A	N/A	N/A
prallethrin	Landscape maintenance	<0.01	N/A	N/A	N/A
prallethrin	Structural pest control	1.51	N/A	N/A	N/A
prodiamine	Landscape maintenance	530.9	N/A	N/A	N/A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
propiconazole	Landscape maintenance	56.87	N/A	N/A	N/A
propiconazole	N-grnhs flower	0.02	N/A	27.0	U
propiconazole	Structural pest control	1.16	N/A	N/A	N/A
propylene glycol	Landscape maintenance	47.01	N/A	N/A	N/A
propylene glycol	N-grnhs flower	1.68	N/A	761.0	U
putrescent whole egg solids	Landscape maintenance	0.05	N/A	N/A	N/A
pyraclostrobin	Grape, wine	37.6	4	76.0	A
pyraclostrobin	Landscape maintenance	9.47	N/A	N/A	N/A
pyraflufen-ethyl	Landscape maintenance	<0.01	N/A	N/A	N/A
pyrethrins	Grape, wine	0.3	3	12.1	A
pyrethrins	Landscape maintenance	1.2	N/A	N/A	N/A
pyrethrins	Public health	7.52	N/A	N/A	N/A
pyrethrins	Structural pest control	51.18	N/A	N/A	N/A
pyriproxyfen	Landscape maintenance	0.83	N/A	N/A	N/A
pyriproxyfen	Structural pest control	2.39	N/A	N/A	N/A
qst 713 strain of dried bacillus subtilis	Grape, wine	42.03	33	153.91	A
quinclorac	Landscape maintenance	<0.01	N/A	N/A	N/A
quinclorac, dimethylamine salt	Landscape maintenance	28.99	N/A	N/A	N/A
quinoxifen	Grape, wine	0.48	1	5.0	A
reynoutria sachalinensis	Grape, wine	0.51	4	9.45	A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
rimisulfuron	Grape, wine	0.33	6	20.42	A
rimisulfuron	Landscape maintenance	0.3	N/A	N/A	N/A
rimisulfuron	Rights of way	3.92	N/A	N/A	N/A
sethoxydim	Grape, wine	1.87	6	20.42	A
silica aerogel	Public health	24.53	N/A	N/A	N/A
silica aerogel	Structural pest control	18.62	N/A	N/A	N/A
silicone defoamer	Landscape maintenance	0.21	N/A	N/A	N/A
sodium bromide	Water (industrial)	0.2	N/A	144.0	U
sodium carbonate peroxyhydrate	Water (industrial)	1,081.2	N/A	115.5	A
sodium decyl sulfate	Structural pest control	3.33	N/A	N/A	N/A
sodium dioctylsulfosuccinate	Rights of way	<0.01	N/A	N/A	N/A
sodium hypochlorite	Grape, wine	0.63	1	5.0	A
sodium hypochlorite	Water (industrial)	43.09	N/A	146.0	U
sodium hypochlorite	Water systems - human potable/drinking	7.69	N/A	3.0	U
sodium lauroampho acetate	Structural pest control	2.51	N/A	N/A	N/A
sodium lauryl sulfate	Structural pest control	1.7	N/A	N/A	N/A
sodium alpha-olefin (c14-c16) sulfonate	Rights of way	336.47	N/A	N/A	N/A
sodium xylene sulfonate	Landscape maintenance	2.42	N/A	N/A	N/A
sorbitan trioleate	Landscape maintenance	0.28	N/A	N/A	N/A



<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
soybean oil	Landscape maintenance	0.07	N/A	N/A	N/A
spinosad	Landscape maintenance	2.95	N/A	N/A	N/A
spinosad	N-grnhs plants in containers	0.01	2	12,600.0	S
spinosad	Olive	0.02	30	155.49	A
spinosad	Public health	12.38	N/A	N/A	N/A
spiromesifen	Landscape maintenance	0.39	N/A	N/A	N/A
spirotetramat	N-grnhs plants in containers	0.05	1	7,000.0	S
sulfentrazone	Rights of way	0.1	N/A	N/A	N/A
sulfometuron-methyl	Rights of way	2.01	N/A	N/A	N/A
sulfur	Grape, wine	3,683.72	91	577.9	A
sulfur	Landscape maintenance	0.01	N/A	N/A	N/A
sulfuryl fluoride	Structural pest control	13,513.52	N/A	N/A	N/A
tall oil fatty acids	Landscape maintenance	3.01	N/A	N/A	N/A
tebuconazole	Landscape maintenance	15.58	N/A	N/A	N/A
tebuthiuron	Rights of way	0.96	N/A	N/A	N/A
z,e-9,12-tetradecadien-1-yl acetate	Structural pest control	0.01	N/A	N/A	N/A
tetramethrin	Structural pest control	0.03	N/A	N/A	N/A
alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	Landscape maintenance	9.24	N/A	N/A	N/A
tetrapotassium pyrophosphate	Landscape maintenance	1.21	N/A	N/A	N/A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
thiabendazole, hypophosphite salt	Landscape maintenance	12.89	N/A	N/A	N/A
thiamethoxam	Structural pest control	2.99	N/A	N/A	N/A
thiophanate-methyl	Landscape maintenance	27.35	N/A	N/A	N/A
thiophanate-methyl	Structural pest control	0.28	N/A	N/A	N/A
thyme oil	Structural pest control	<0.01	N/A	N/A	N/A
topramezone	Landscape maintenance	1.13	N/A	N/A	N/A
triadimefon	Landscape maintenance	23.05	N/A	N/A	N/A
triclopyr, butoxyethyl ester	Landscape maintenance	284.52	N/A	N/A	N/A
triclopyr, butoxyethyl ester	N-grnhs flower	0.19	N/A	2.0	U
triclopyr, butoxyethyl ester	Rights of way	43.07	N/A	N/A	N/A
triclopyr choline	Landscape maintenance	7.96	N/A	N/A	N/A
triclopyr choline	Rights of way	1.83	N/A	N/A	N/A
triclopyr, triethylamine salt	Landscape maintenance	6.51	N/A	N/A	N/A
triclopyr, triethylamine salt	N-grnhs flower	0.14	N/A	650.0	S
triclopyr, triethylamine salt	Rights of way	32.67	N/A	N/A	N/A
triethanolamine	Landscape maintenance	3.09	N/A	N/A	N/A
trifloxystrobin	Grape, wine	0.78	1	5.0	A
trifloxystrobin	Landscape maintenance	8.58	N/A	N/A	N/A
trifluralin	Landscape maintenance	0.16	N/A	N/A	N/A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
trinexapac-ethyl	Landscape maintenance	101.65	N/A	N/A	N/A
triptolide	Structural pest control	<0.01	N/A	N/A	N/A
triticonazole	Landscape maintenance	4.22	N/A	N/A	N/A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Landscape maintenance	7.91	N/A	N/A	N/A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Rights of way	7.82	N/A	N/A	N/A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Water (industrial)	0.27	N/A	7.0	A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Water area	0.82	N/A	2,250.0	S
4-vinylcyclohexenediepoide	Structural pest control	0.02	N/A	N/A	N/A
vinyl ester polymer	Rights of way	<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
zinc phosphide	Landscape maintenance	<0.01	N/A	N/A	N/A
zinc phosphide	Structural pest control	0.02	N/A	N/A	N/A