

# 2021 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
(s)-kinoprene	Landscape maintenance	0.41	N/A	N/A	N/A
2,2-dibromo-3-nitrilopropionamide	Water (industrial)	2.85	N/A	1.0	U
2,4-d	Landscape maintenance	0.32	N/A	N/A	N/A
2,4-d, 2-ethylhexyl ester	Landscape maintenance	12.08	N/A	N/A	N/A
2,4-d, 2-ethylhexyl ester	Rights of way	7.55	N/A	N/A	N/A
2,4-d, butoxyethanol ester	Landscape maintenance	9.75	N/A	N/A	N/A
2,4-d, dimethylamine salt	Landscape maintenance	0.03	1	12,000.0	S
2,4-d, dimethylamine salt	Landscape maintenance	1.12	N/A	N/A	N/A
2,4-d, dimethylamine salt	Pastureland	87.21	4	155.0	A
2,4-dp-p, isooctyl ester	Landscape maintenance	0.97	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-dp-p, isoocetyl ester</b>	Rights of way	2.5	N/A	N/A	N/A
<b>2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate</b>	Grape, wine	23.16	18	94.8	A
<b>2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate</b>	Landscape maintenance	13.02	N/A	N/A	N/A
<b>2-butoxyethanol</b>	Rights of way	23.25	N/A	N/A	N/A
<b>2-methyl-4-isothiazolin-3-one</b>	Water (industrial)	0.8	N/A	96.0	U
<b>4-vinylcyclohexenediepoide</b>	Structural pest control	0.01	N/A	N/A	N/A
<b>5-chloro-2-methyl-4-isothiazolin-3-one</b>	Water (industrial)	2.26	N/A	96.0	U
<b>abamectin</b>	Landscape maintenance	0.02	N/A	N/A	N/A
<b>abamectin</b>	Structural pest control	0.05	N/A	N/A	N/A
<b>abamectin, other related</b>	Structural pest control	<0.01	N/A	N/A	N/A
<b>acephate</b>	Landscape maintenance	0.06	N/A	N/A	N/A
<b>acephate</b>	Structural pest control	17.72	N/A	N/A	N/A
<b>acetamiprid</b>	Landscape maintenance	1.05	N/A	N/A	N/A
<b>acetamiprid</b>	Structural pest control	0.57	N/A	N/A	N/A
<b>acibenzolar-s-methyl</b>	Landscape maintenance	0.68	N/A	N/A	N/A
<b>alcohols, c12-c14, aliphatic</b>	Rights of way	9.04	N/A	N/A	N/A
<b>alkyl (50%c14, 40%c12, 10%c16) dimethylbenzyl ammonium chloride</b>	Structural pest control	0.04	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
alkyl (60% <b>c14</b> , 30% <b>c16</b> , 5% <b>c12</b> , 5% <b>c18</b> ) dimethylbenzyl ammonium chloride	Food processing plant	7.04	N/A	1.0	U
alkyl (60% <b>c14</b> , 30% <b>c16</b> , 5% <b>c12</b> , 5% <b>c18</b> ) dimethylbenzyl ammonium chloride	Structural pest control	<0.01	N/A	N/A	N/A
alkyl (68% <b>c12</b> , 32% <b>c14</b> ) dimethylethylbenzyl ammonium chloride	Food processing plant	7.04	N/A	1.0	U
alkyl (68% <b>c12</b> , 32% <b>c14</b> ) dimethylethylbenzyl ammonium chloride	Structural pest control	<0.01	N/A	N/A	N/A
alkyl (c8,c10) polyglucoside	Landscape maintenance	24.36	N/A	N/A	N/A
alkyl (c8,c10) polyglucoside	Pastureland	5.52	3	25.85	A
alkyl (c8,c10) polyglucoside	Structural pest control	0.05	N/A	N/A	N/A
alkyl (c9-c11) oligomeric d-glucopyranoside	Rights of way	25.83	N/A	N/A	N/A
alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	Grape, wine	0.28	5	30.16	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene) sulfate, ammonium salt	Landscape maintenance	<0.01	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	240.03	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	N-grnhs flower	2.11	N/A	99.0	U
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Pastureland	6.31	3	25.85	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Rights of way	0.07	N/A	N/A	N/A
alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	Grape, wine	0.18	11	1.1	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-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	1.32	N/A	N/A	N/A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Rights of way	27.66	N/A	N/A	N/A
alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	Grape, wine	19.84	18	126.12	A
alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	Olive	1.16	2	9.0	A
alpha-cypermethrin	Structural pest control	4.62	N/A	N/A	N/A
alpha-isooctadecyl-omega-hydroxypoly(oxyethylene)	Public health	8.75	N/A	N/A	N/A
alpha-pinene beta-pinene copolymer	Grape, wine	5.27	5	30.16	A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Rights of way	0.12	N/A	N/A	N/A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Water (industrial)	0.9	N/A	18.0	A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Water area	0.89	N/A	2,445.0	S
alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	Landscape maintenance	6.43	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Landscape maintenance	6.8	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Rights of way	29.35	N/A	N/A	N/A
ammonium nitrate	Landscape maintenance	1.77	N/A	N/A	N/A
ammonium nitrate	Pastureland	2.63	3	25.85	A
ammonium nitrate	Rights of way	3.57	N/A	N/A	N/A
ammonium nitrate	Structural pest control	0.09	N/A	N/A	N/A
ammonium nonanoate	Landscape maintenance	11.53	N/A	N/A	N/A
ammonium sulfate	Landscape maintenance	4.92	N/A	N/A	N/A
ammonium sulfate	Pastureland	5.26	3	25.85	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>ammonium sulfate</b>	Rights of way	88.34	N/A	N/A	N/A
<b>ammonium sulfate</b>	Structural pest control	0.09	N/A	N/A	N/A
<b>azadirachtin</b>	Landscape maintenance	3.05	N/A	N/A	N/A
<b>azadirachtin</b>	N-grnhs plants in containers	0.07	3	30,500.0	S
<b>azoxystrobin</b>	Landscape maintenance	110.57	N/A	N/A	N/A
<b>bacillus amyloliquefaciens strain d747</b>	Grape, wine	165.46	5	50.14	A
<b>bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins</b>	Public health	49.96	N/A	N/A	N/A
<b>bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14</b>	Landscape maintenance	0.05	N/A	N/A	N/A
<b>bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14</b>	Structural pest control	0.01	N/A	N/A	N/A
<b>bacillus thuringiensis subsp. israelensis, strain sum-6218</b>	Landscape maintenance	0.03	N/A	N/A	N/A
<b>bacillus thuringiensis, subsp. israelensis, strain am 65-52</b>	Public health	403.19	N/A	N/A	N/A
<b>bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles</b>	Landscape maintenance	40.61	N/A	N/A	N/A
<b>beauveria bassiana strain gha</b>	Structural pest control	0.01	N/A	N/A	N/A
<b>benzoic acid</b>	Landscape maintenance	0.15	N/A	N/A	N/A
<b>benzoic acid</b>	Rights of way	0.21	N/A	N/A	N/A
<b>benzovindiflupyr</b>	Landscape maintenance	0.62	N/A	N/A	N/A
<b>beta-cyfluthrin</b>	Landscape maintenance	0.29	N/A	N/A	N/A
<b>beta-cyfluthrin</b>	Structural pest control	24.89	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>bifenazate</b>	Landscape maintenance	43.65	N/A	N/A	N/A
<b>bifenthrin</b>	Landscape maintenance	31.58	N/A	N/A	N/A
<b>bifenthrin</b>	Structural pest control	74.75	N/A	N/A	N/A
<b>borax</b>	Rights of way	237.06	N/A	N/A	N/A
<b>borax</b>	Structural pest control	26.24	N/A	N/A	N/A
<b>boric acid</b>	Landscape maintenance	23.2	N/A	N/A	N/A
<b>boric acid</b>	Structural pest control	961.61	N/A	N/A	N/A
<b>boscalid</b>	Grape, wine	14.62	3	47.0	A
<b>boscalid</b>	Landscape maintenance	0.91	N/A	N/A	N/A
<b>brodifacoum</b>	Structural pest control	<0.01	N/A	N/A	N/A
<b>bromadiolone</b>	Structural pest control	0.01	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	0.22	N/A	N/A	N/A
<b>butyl lactate</b>	Landscape maintenance	0.75	N/A	N/A	N/A
<b>calcium chloride</b>	Grape, wine	1.06	1	20.2	A
<b>calcium chloride</b>	Landscape maintenance	0.04	N/A	N/A	N/A
<b>canola oil</b>	Landscape maintenance	1.93	N/A	N/A	N/A
<b>capric acid</b>	Grape, wine	109.05	1	20.2	A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
capric acid	Landscape maintenance	154.98	N/A	N/A	N/A
capric acid	Rights of way	7.2	N/A	N/A	N/A
caprylic acid	Grape, wine	160.16	1	20.2	A
caprylic acid	Landscape maintenance	210.56	N/A	N/A	N/A
caprylic acid	Rights of way	10.57	N/A	N/A	N/A
carbon dioxide	Landscape maintenance	76.06	N/A	N/A	N/A
carfentrazone-ethyl	Landscape maintenance	3.59	N/A	N/A	N/A
carfentrazone-ethyl	Rights of way	0.39	N/A	N/A	N/A
chlorantraniliprole	Landscape maintenance	10.01	N/A	N/A	N/A
chlorantraniliprole	Structural pest control	20.07	N/A	N/A	N/A
chlorfenapyr	N-grnhs plants in containers	1.11	3	16,100.0	S
chlorfenapyr	Structural pest control	42.07	N/A	N/A	N/A
chlorflurenol, methyl ester	Landscape maintenance	0.3	N/A	N/A	N/A
chlorine dioxide	Structural pest control	<0.01	N/A	N/A	N/A
chlorophacinone	Landscape maintenance	0.01	N/A	N/A	N/A
chlorophacinone	Structural pest control	<0.01	N/A	N/A	N/A
chlorothalonil	Landscape maintenance	29.96	1	3.0	A
chlorothalonil	Landscape maintenance	45.15	1	150,000.0	S

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
chlorothalonil	Landscape maintenance	476.73	N/A	N/A	N/A
chlorothalonil	N-grnhs plants in containers	5.62	N/A	5.0	A
chlorsulfuron	Landscape maintenance	0.86	N/A	N/A	N/A
chlorsulfuron	Rights of way	0.84	N/A	N/A	N/A
cholecalciferol	Landscape maintenance	0.01	N/A	N/A	N/A
cholecalciferol	Structural pest control	3.41	N/A	N/A	N/A
cholecalciferol	Vertebrate control	<0.01	N/A	N/A	N/A
chromobacterium subsugae strain praa4-1	Landscape maintenance	1.18	N/A	N/A	N/A
citric acid	Grape, wine	2.94	1	20.2	A
citric acid	Landscape maintenance	0.38	N/A	N/A	N/A
clarified hydrophobic extract of neem oil	Landscape maintenance	14.05	N/A	N/A	N/A
clethodim	Landscape maintenance	3.14	N/A	N/A	N/A
clopyralid, monoethanolamine salt	Landscape maintenance	3.51	N/A	N/A	N/A
clopyralid, monoethanolamine salt	Pastureland	56.93	6	435.0	A
clopyralid, monoethanolamine salt	Rights of way	3.96	N/A	N/A	N/A
clothianidin	Landscape maintenance	5.0	N/A	N/A	N/A
clothianidin	Structural pest control	0.33	N/A	N/A	N/A
coconut diethanolamide	Landscape maintenance	1.27	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>
copper ammonium carbonate	Landscape maintenance	0.11	N/A	N/A	N/A
copper diammonium diacetate complex	Landscape maintenance	<0.01	N/A	N/A	N/A
copper ethanolamine complexes, mixed	Water (industrial)	51.28	N/A	9.75	A
copper ethanolamine complexes, mixed	Water area	21.41	N/A	2.25	A
copper ethanolamine complexes, mixed	Water area	10,692.87	N/A	235,720.59	K
copper ethylenediamine complex	Water area	638.67	N/A	13,590.72	K
copper hydroxide	Apple	0.04	2	7,600.0	S
copper hydroxide	Apricot	0.01	1	1,500.0	S
copper hydroxide	Avocado	<0.01	1	700.0	S
copper hydroxide	Cherry	0.01	1	1,600.0	S
copper hydroxide	Grape, wine	32.19	9	79.48	A
copper hydroxide	Landscape maintenance	22.15	N/A	N/A	N/A
copper hydroxide	Olive	64.96	12	57.2	A
copper hydroxide	Olive	0.24	5	16,600.0	S
copper hydroxide	Pear	0.01	1	2,000.0	S
copper hydroxide	Persimmon	0.02	1	3,000.0	S
copper hydroxide	Plum	0.01	1	2,000.0	S
copper hydroxide	Rights of way	16.89	N/A	N/A	N/A
copper oxide (ous)	Grape, wine	8.66	4	14.0	A
copper oxychloride	Apple	0.05	2	7,600.0	S
copper oxychloride	Apricot	0.01	1	1,500.0	S
copper oxychloride	Avocado	<0.01	1	700.0	S
copper oxychloride	Cherry	0.01	1	1,600.0	S
copper oxychloride	Grape, wine	34.72	6	79.18	A
copper oxychloride	Landscape maintenance	24.39	N/A	N/A	N/A
copper oxychloride	Olive	72.01	12	57.2	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 oxychloride</b>	Olive	0.26	5	16,600.0	S
<b>copper oxychloride</b>	Pear	0.01	1	2,000.0	S
<b>copper oxychloride</b>	Persimmon	0.02	1	3,000.0	S
<b>copper oxychloride</b>	Plum	0.01	1	2,000.0	S
<b>copper sulfate (pentahydrate)</b>	Water (industrial)	16.26	N/A	3.5	A
<b>copper sulfate (pentahydrate)</b>	Water area	346.5	N/A	3,606.77	K
<b>cyantraniliprole</b>	N-grnhs plants in containers	0.04	1	5,500.0	S
<b>cyantraniliprole</b>	Structural pest control	<0.01	N/A	N/A	N/A
<b>cyfluthrin</b>	Landscape maintenance	0.02	N/A	N/A	N/A
<b>cyfluthrin</b>	Structural pest control	2.87	N/A	N/A	N/A
<b>cypermethrin</b>	Structural pest control	3.59	N/A	N/A	N/A
<b>d-trans allethrin</b>	Public health	0.01	N/A	N/A	N/A
<b>d-trans allethrin</b>	Structural pest control	0.01	N/A	N/A	N/A
<b>ddvp</b>	Landscape maintenance	0.29	N/A	N/A	N/A
<b>ddvp</b>	Structural pest control	0.58	N/A	N/A	N/A
<b>ddvp, other related</b>	Landscape maintenance	0.02	N/A	N/A	N/A
<b>ddvp, other related</b>	Structural pest control	0.04	N/A	N/A	N/A
<b>deltamethrin</b>	Structural pest control	15.34	N/A	N/A	N/A
<b>desmedipham</b>	Landscape maintenance	3.22	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>
diatomaceous earth	Structural pest control	7.21	N/A	N/A	N/A
dicamba	Landscape maintenance	0.8	N/A	N/A	N/A
dicamba	Rights of way	0.49	N/A	N/A	N/A
dicamba, dimethylamine salt	Landscape maintenance	<0.01	1	12,000.0	S
dicamba, dimethylamine salt	Landscape maintenance	0.14	N/A	N/A	N/A
didecyl dimethyl ammonium chloride	Structural pest control	0.02	N/A	N/A	N/A
diethylene glycol	Landscape maintenance	1.17	N/A	N/A	N/A
diethylene glycol	Rights of way	0.03	N/A	N/A	N/A
difenoconazole	Landscape maintenance	12.69	N/A	N/A	N/A
difethialone	Structural pest control	<0.01	N/A	N/A	N/A
dikegulac sodium	Landscape maintenance	0.07	N/A	N/A	N/A
dimethyl alkyl tertiary amines	Landscape maintenance	0.16	N/A	N/A	N/A
dimethyl alkyl tertiary amines	Rights of way	0.23	N/A	N/A	N/A
dimethylpolysiloxane	Landscape maintenance	0.07	N/A	N/A	N/A
dimethylpolysiloxane	Pastureland	0.03	6	51.7	A
dimethylpolysiloxane	Rights of way	<0.01	N/A	N/A	N/A
dimethylpolysiloxane	Structural pest control	<0.01	N/A	N/A	N/A
dinotefuran	Landscape maintenance	40.84	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>dinotefuran</b>	Structural pest control	107.91	N/A	N/A	N/A
<b>dioctyl dimethyl ammonium chloride</b>	Structural pest control	0.01	N/A	N/A	N/A
<b>diphacinone</b>	Landscape maintenance	0.03	N/A	N/A	N/A
<b>diphacinone</b>	Structural pest control	0.41	N/A	N/A	N/A
<b>diquat dibromide</b>	Landscape maintenance	7.41	N/A	N/A	N/A
<b>diquat dibromide</b>	N-outdr plants in containers	0.48	16	33,000.0	S
<b>diquat dibromide</b>	Rights of way	58.56	N/A	N/A	N/A
<b>diquat dibromide</b>	Water (industrial)	96.96	N/A	13.0	A
<b>disodium octaborate anhydrous</b>	Rights of way	2.9	N/A	N/A	N/A
<b>disodium octaborate tetrahydrate</b>	Structural pest control	1,437.94	N/A	N/A	N/A
<b>dithiopyr</b>	Landscape maintenance	239.7	N/A	N/A	N/A
<b>dithiopyr</b>	Rights of way	62.95	N/A	N/A	N/A
<b>dodecylbenzene sulfonic acid</b>	Landscape maintenance	5.49	N/A	N/A	N/A
<b>edta, tetrasodium salt</b>	Landscape maintenance	0.34	N/A	N/A	N/A
<b>emamectin benzoate</b>	Landscape maintenance	0.04	N/A	N/A	N/A
<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	2.24	N/A	0.17	A
<b>esfenvalerate</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>
esfenvalerate	Structural pest control	6.15	N/A	N/A	N/A
ethephon	Landscape maintenance	89.38	N/A	N/A	N/A
ethofumesate	Landscape maintenance	195.29	N/A	N/A	N/A
etofenprox	Public health	1.69	N/A	N/A	N/A
etofenprox	Structural pest control	0.36	N/A	N/A	N/A
fatty acids, c16-c18 and c18-unsaturated, methyl esters	Water (industrial)	1.35	N/A	18.0	A
fatty acids, mixed	Rights of way	0.05	N/A	N/A	N/A
ferric sodium edta	Landscape maintenance	0.1	N/A	N/A	N/A
ferrous sulfate	Landscape maintenance	0.34	N/A	N/A	N/A
fipronil	Landscape maintenance	0.02	N/A	N/A	N/A
fipronil	Structural pest control	121.78	N/A	N/A	N/A
fluazifop-p-butyl	Landscape maintenance	0.91	N/A	N/A	N/A
fluazinam	Landscape maintenance	42.93	N/A	N/A	N/A
fludioxonil	Landscape maintenance	25.55	N/A	N/A	N/A
flumioxazin	Landscape maintenance	0.06	N/A	N/A	N/A
fluopicolide	Landscape maintenance	1.83	N/A	N/A	N/A
fluopyram	Grape, wine	0.7	1	11.0	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>fluopyram</b>	Landscape maintenance	2.41	N/A	N/A	N/A
<b>flupyradifurone</b>	Landscape maintenance	4.07	N/A	N/A	N/A
<b>flurecol-methyl</b>	Landscape maintenance	0.07	N/A	N/A	N/A
<b>fluridone</b>	Water area	0.5	N/A	3.01	A
<b>flurprimidol</b>	Landscape maintenance	7.53	N/A	N/A	N/A
<b>flutolanil</b>	Landscape maintenance	25.2	1	3.0	A
<b>flutolanil</b>	Landscape maintenance	1,972.01	N/A	N/A	N/A
<b>fluxapyroxad</b>	Landscape maintenance	24.21	N/A	N/A	N/A
<b>fosetyl-al</b>	Landscape maintenance	0.2	N/A	N/A	N/A
<b>gamma-cyhalothrin</b>	Structural pest control	2.9	N/A	N/A	N/A
<b>glufosinate-ammonium</b>	Landscape maintenance	116.84	N/A	N/A	N/A
<b>glufosinate-ammonium</b>	Rights of way	43.53	N/A	N/A	N/A
<b>glyphosate, dimethylamine salt</b>	Landscape maintenance	6.4	N/A	N/A	N/A
<b>glyphosate, dimethylamine salt</b>	Rights of way	468.41	N/A	N/A	N/A
<b>glyphosate, isopropylamine salt</b>	Landscape maintenance	459.91	N/A	N/A	N/A
<b>glyphosate, isopropylamine salt</b>	N-outdr plants in containers	11.36	15	31,000.0	S
<b>glyphosate, isopropylamine salt</b>	Regulatory pest control	0.38	N/A	N/A	N/A
<b>glyphosate, isopropylamine salt</b>	Rights of way	77.72	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	Uncultivated non-ag	2.58	N/A	20.45	A
glyphosate, monoammonium salt	Landscape maintenance	1.43	N/A	N/A	N/A
glyphosate, monoammonium salt	N-outdr plants in containers	0.73	1	2,000.0	S
glyphosate, potassium salt	Grape, wine	22.76	3	16.5	A
glyphosate, potassium salt	Landscape maintenance	362.64	N/A	N/A	N/A
glyphosate, potassium salt	Pastureland	71.3	3	25.85	A
glyphosate, potassium salt	Rights of way	0.06	N/A	N/A	N/A
hexaflumuron	Structural pest control	0.01	N/A	N/A	N/A
hexylene glycol	Rights of way	23.25	N/A	N/A	N/A
hydramethylnon	Structural pest control	2.28	N/A	N/A	N/A
hydrogen peroxide	Landscape maintenance	24.74	N/A	N/A	N/A
hydrogen peroxide	Structural pest control	5.87	N/A	N/A	N/A
hydrogen peroxide	Water (industrial)	5,240.73	N/A	9.0	U
hydroprene	Structural pest control	4.17	N/A	N/A	N/A
imazapyr, isopropylamine salt	Landscape maintenance	0.96	N/A	N/A	N/A
imazapyr, isopropylamine salt	Regulatory pest control	0.05	N/A	N/A	N/A
imazapyr, isopropylamine salt	Rights of way	4.72	N/A	N/A	N/A
imazapyr, isopropylamine salt	Water area	0.03	N/A	2,445.0	S
imidacloprid	Landscape maintenance	199.49	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>
imidacloprid	N-grnhs plants in containers	0.02	2	20,500.0	S
imidacloprid	N-outdr plants in containers	0.01	1	150.0	S
imidacloprid	Structural pest control	44.78	N/A	N/A	N/A
indaziflam	Landscape maintenance	0.09	N/A	N/A	N/A
indaziflam	Rights of way	1.22	N/A	N/A	N/A
indoxacarb	Landscape maintenance	0.84	N/A	N/A	N/A
indoxacarb	Structural pest control	1.56	N/A	N/A	N/A
iprodione	Landscape maintenance	166.37	N/A	N/A	N/A
iprodione	N-grnhs plants in containers	1.87	N/A	5.0	A
iron hedta	Landscape maintenance	2.3	N/A	N/A	N/A
iron phosphate	Landscape maintenance	12.75	N/A	N/A	N/A
iron phosphate	Structural pest control	<0.01	N/A	N/A	N/A
iron phosphate	Uncultivated ag	0.51	6	1.26	A
iron phosphate	Uncultivated ag	0.1	17	8,560.0	S
isopropyl alcohol	Landscape maintenance	1.67	N/A	N/A	N/A
isopropyl alcohol	Pastureland	0.54	3	25.85	A
isopropyl alcohol	Structural pest control	1.26	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>
isoxaben	Landscape maintenance	104.56	N/A	N/A	N/A
isoxaben	Rights of way	24.62	N/A	N/A	N/A
kaolin	Olive	1,056.88	10	46.81	A
lactic acid	Landscape maintenance	1.57	N/A	N/A	N/A
lambda-cyhalothrin	Structural pest control	9.66	N/A	N/A	N/A
lecithin	Rights of way	0.11	N/A	N/A	N/A
lecithin	Water area	1.78	N/A	2,445.0	S
limonene	Landscape maintenance	14.26	N/A	N/A	N/A
limonene	Structural pest control	50.63	N/A	N/A	N/A
limonene	Water (industrial)	6.75	N/A	18.0	A
mancozeb	Landscape maintenance	116.08	N/A	N/A	N/A
manganese sulfate	Landscape maintenance	0.39	N/A	N/A	N/A
mcpp, dimethylamine salt	Landscape maintenance	0.1	N/A	N/A	N/A
mecoprop-p	Landscape maintenance	2.27	N/A	N/A	N/A
mecoprop-p	Rights of way	0.81	N/A	N/A	N/A
mefenoxam	Landscape maintenance	3.77	N/A	N/A	N/A
mefenoxam	Structural pest control	0.47	N/A	N/A	N/A
mefenoxam, other related	Landscape maintenance	0.02	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>
mesotrione	Landscape maintenance	3.0	N/A	N/A	N/A
metam-sodium	Landscape maintenance	10.29	N/A	N/A	N/A
metam-sodium	Rights of way	166.5	N/A	N/A	N/A
metconazole	Landscape maintenance	4.88	N/A	N/A	N/A
methoprene	Public health	25.85	N/A	N/A	N/A
methoprene	Structural pest control	0.02	N/A	N/A	N/A
methyl-2,7-dichloro-9-hydroxyfluorene-9-carboxylate	Landscape maintenance	0.05	N/A	N/A	N/A
methylated soybean oil	Landscape maintenance	14.72	N/A	N/A	N/A
methylated soybean oil	Rights of way	8.05	N/A	N/A	N/A
methylated soybean oil	Water area	0.89	N/A	2,445.0	S
metofluthrin	Structural pest control	0.01	N/A	N/A	N/A
mineral oil	Apple	0.68	2	7,600.0	S
mineral oil	Apricot	0.13	1	1,500.0	S
mineral oil	Avocado	0.06	1	700.0	S
mineral oil	Cherry	0.14	1	1,600.0	S
mineral oil	Fig	0.08	1	900.0	S
mineral oil	Grape, wine	871.04	30	214.46	A
mineral oil	Landscape maintenance	47.94	1	150,000.0	S
mineral oil	Landscape maintenance	1,752.05	N/A	N/A	N/A
mineral oil	N-grnhs plants in containers	3.09	2	11,500.0	S
mineral oil	Olive	2.65	2	0.58	A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
mineral oil	Olive	3.64	5	16,600.0	S
mineral oil	Pear	0.18	1	2,000.0	S
mineral oil	Persimmon	0.27	1	3,000.0	S
mineral oil	Plum	0.18	1	2,000.0	S
mineral oil	Public health	74.74	N/A	N/A	N/A
msma	Landscape maintenance	4.79	N/A	N/A	N/A
muscalure	Structural pest control	0.01	N/A	N/A	N/A
myclobutanil	Landscape maintenance	1.25	N/A	N/A	N/A
n,n-bis-(2-(omega-hydroxypoly(oxyethylene)/poly(oxypropylene))ethyl)alkyl (c8-c18) amine	Landscape maintenance	20.87	N/A	N/A	N/A
n-octyl bicycloheptene dicarboximide	Structural pest control	9.76	N/A	N/A	N/A
naa, ammonium salt	Landscape maintenance	0.42	N/A	N/A	N/A
novaluron	Structural pest control	0.54	N/A	N/A	N/A
noviflumuron	Structural pest control	2.07	N/A	N/A	N/A
octyl decyl dimethyl ammonium chloride	Structural pest control	0.03	N/A	N/A	N/A
oleic acid, ethyl ester	Landscape maintenance	133.05	N/A	N/A	N/A
oleic acid, ethyl ester	Regulatory pest control	0.11	N/A	N/A	N/A
oleic acid, methyl ester	Landscape maintenance	6.07	N/A	N/A	N/A
oleic acid, methyl ester	Rights of way	15.46	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>	Landscape maintenance	78.29	N/A	N/A	N/A
<b>organosilicone, poly oxyalkylene ether copolymer</b>	N-grnhs flower	1.07	N/A	99.0	U
<b>oryzalin</b>	Landscape maintenance	4.81	N/A	N/A	N/A
<b>oxyfluorfen</b>	Pastureland	19.45	3	25.85	A
<b>oxyfluorfen</b>	Rights of way	23.46	N/A	N/A	N/A
<b>paclobutrazol</b>	Landscape maintenance	96.43	N/A	N/A	N/A
<b>pendimethalin</b>	Landscape maintenance	176.91	N/A	N/A	N/A
<b>pendimethalin</b>	N-outdr plants in containers	0.11	8	11,700.0	S
<b>penoxsulam</b>	Landscape maintenance	0.21	N/A	N/A	N/A
<b>penoxsulam</b>	Rights of way	0.49	N/A	N/A	N/A
<b>penthiopyrad</b>	Landscape maintenance	4.34	N/A	N/A	N/A
<b>permethrin</b>	Landscape maintenance	113.39	N/A	N/A	N/A
<b>permethrin</b>	Structural pest control	18.22	N/A	N/A	N/A
<b>peroxyacetic acid</b>	Water (industrial)	1,107.48	N/A	9.0	U
<b>petroleum distillates</b>	Public health	21.84	N/A	N/A	N/A
<b>petroleum distillates</b>	Structural pest control	<0.01	N/A	N/A	N/A
<b>petroleum distillates, aromatic</b>	Structural pest control	<0.01	N/A	N/A	N/A
<b>petroleum distillates, refined</b>	Landscape maintenance	0.17	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>
petroleum oil, paraffin based	Landscape maintenance	0.43	N/A	N/A	N/A
phenmedipham	Landscape maintenance	3.22	N/A	N/A	N/A
phenothrin	Public health	0.01	N/A	N/A	N/A
phenothrin	Structural pest control	0.32	N/A	N/A	N/A
phenylethyl propionate	Structural pest control	0.22	N/A	N/A	N/A
phosphoric acid	Landscape maintenance	1.96	N/A	N/A	N/A
piperonyl butoxide	Landscape maintenance	4.67	N/A	N/A	N/A
piperonyl butoxide	Public health	27.71	N/A	N/A	N/A
piperonyl butoxide	Structural pest control	178.28	N/A	N/A	N/A
piperonyl butoxide, other related	Landscape maintenance	1.17	N/A	N/A	N/A
piperonyl butoxide, other related	Public health	6.69	N/A	N/A	N/A
piperonyl butoxide, other related	Structural pest control	28.3	N/A	N/A	N/A
poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	Landscape maintenance	<0.01	N/A	N/A	N/A
polyacrylamide polymer	Rights of way	4.84	N/A	N/A	N/A
polyalkene oxide modified heptamethyl trisiloxane	Grape, wine	0.13	11	1.1	A
polyalkene oxide modified heptamethyl trisiloxane	Landscape maintenance	40.14	N/A	N/A	N/A
polyethoxylated castor oil	Landscape maintenance	0.04	N/A	N/A	N/A
polyethylene glycol	Pastureland	3.44	3	25.85	A
polyethylene glycol stearate	Landscape maintenance	12.43	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	2.98	N/A	N/A	N/A
polyoxyethylene dioleate	Landscape maintenance	14.58	N/A	N/A	N/A
polyoxyethylene dioleate	Regulatory pest control	0.02	N/A	N/A	N/A
polyoxyethylene polyol fatty acid esters	Landscape maintenance	4.64	N/A	N/A	N/A
polyoxyethylene sorbitan mixed fatty acid esters	Landscape maintenance	0.07	N/A	N/A	N/A
polyoxyethylene sorbitan monolaurate	Landscape maintenance	22.44	N/A	N/A	N/A
polyoxyethylene sorbitan monooleate	Landscape maintenance	4.17	N/A	N/A	N/A
polyoxyethylene sorbitan monooleate	Regulatory pest control	0.01	N/A	N/A	N/A
potash soap	Landscape maintenance	5.46	N/A	N/A	N/A
potassium bicarbonate	Grape, wine	5.38	3	11.2	A
potassium phosphite	Landscape maintenance	19,526.0	N/A	N/A	N/A
potassium phosphite	N-grnhs flower	61.98	N/A	99.0	U
prallethrin	Structural pest control	1.35	N/A	N/A	N/A
prodiamine	Landscape maintenance	926.28	N/A	N/A	N/A
propiconazole	Landscape maintenance	87.41	N/A	N/A	N/A
propiconazole	Structural pest control	1.47	N/A	N/A	N/A
propylene glycol	Grape, wine	0.29	11	1.1	A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
propylene glycol	Landscape maintenance	40.65	N/A	N/A	N/A
propylene glycol	N-grnhs flower	0.36	N/A	99.0	U
putrescent whole egg solids	Landscape maintenance	1.04	N/A	N/A	N/A
pymetrozine	N-grnhs plants in containers	0.16	1	10,000.0	S
pyraclostrobin	Grape, wine	7.42	3	47.0	A
pyraclostrobin	Landscape maintenance	6.83	N/A	N/A	N/A
pyraflufen-ethyl	Landscape maintenance	<0.01	N/A	N/A	N/A
pyrethrins	Landscape maintenance	0.62	N/A	N/A	N/A
pyrethrins	Public health	6.26	N/A	N/A	N/A
pyrethrins	Structural pest control	33.11	N/A	N/A	N/A
pyriofenone	Grape, wine	0.78	1	11.0	A
pyriproxyfen	Landscape maintenance	0.32	N/A	N/A	N/A
pyriproxyfen	Structural pest control	2.35	N/A	N/A	N/A
qst 713 strain of dried bacillus subtilis	Grape, wine	8.95	6	34.92	A
quinclorac	Landscape maintenance	0.02	1	12,000.0	S
quinclorac	Landscape maintenance	0.64	N/A	N/A	N/A
quinclorac, dimethylamine salt	Landscape maintenance	6.51	N/A	N/A	N/A
quinoxifen	Grape, wine	1.53	2	16.0	A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
resmethrin	Structural pest control	<0.01	N/A	N/A	N/A
resmethrin, other related	Structural pest control	<0.01	N/A	N/A	N/A
reynoutria sachalinensis	Grape, wine	10.92	6	50.36	A
rimsulfuron	Rights of way	0.44	N/A	N/A	N/A
s-methoprene	Public health	46.98	N/A	N/A	N/A
s-methoprene	Structural pest control	0.08	N/A	N/A	N/A
silica aerogel	Public health	24.69	N/A	N/A	N/A
silica aerogel	Structural pest control	16.59	N/A	N/A	N/A
silicone defoamer	Landscape maintenance	0.14	N/A	N/A	N/A
sodium alpha-olefin (c14-c16) sulfonate	Rights of way	176.97	N/A	N/A	N/A
sodium bromide	Water (industrial)	0.79	N/A	216.0	U
sodium carbonate peroxyhydrate	Water (industrial)	793.05	N/A	132.5	A
sodium decyl sulfate	Structural pest control	1.26	N/A	N/A	N/A
sodium hypochlorite	Grape, wine	0.69	1	5.0	A
sodium hypochlorite	Water (industrial)	6.91	N/A	217.0	U
sodium lauroampho acetate	Structural pest control	0.95	N/A	N/A	N/A
sodium lauryl sulfate	Structural pest control	0.64	N/A	N/A	N/A
sodium xylene sulfonate	Landscape maintenance	1.69	N/A	N/A	N/A
sorbitan fatty acid esters	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>
spinosad	Landscape maintenance	3.24	N/A	N/A	N/A
spinosad	N-grnhs plants in containers	0.01	2	20,500.0	S
spinosad	Olive	0.01	10	39.4	A
spinosad	Public health	17.11	N/A	N/A	N/A
spirotetramat	N-grnhs plants in containers	0.01	1	10,000.0	S
strychnine	Structural pest control	<0.01	N/A	N/A	N/A
styrene butadiene copolymer	Grape, wine	0.4	11	1.1	A
sulfaquinoxaline	Landscape maintenance	<0.01	N/A	N/A	N/A
sulfentrazone	Landscape maintenance	<0.01	1	12,000.0	S
sulfentrazone	Landscape maintenance	0.05	N/A	N/A	N/A
sulfentrazone	Rights of way	1.03	N/A	N/A	N/A
sulfometuron-methyl	Rights of way	2.9	N/A	N/A	N/A
sulfur	Grape, wine	2,878.23	59	458.08	A
sulfur	Landscape maintenance	<0.01	N/A	N/A	N/A
sulfuryl fluoride	Structural pest control	16,007.22	N/A	N/A	N/A
tall oil fatty acids	Landscape maintenance	2.2	N/A	N/A	N/A
tau-fluvalinate	Landscape maintenance	0.22	N/A	N/A	N/A
tebuconazole	Grape, wine	0.7	1	11.0	A
tebuconazole	Landscape maintenance	32.24	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>
tetrachlorvinphos	Landscape maintenance	0.14	N/A	N/A	N/A
tetramethrin	Structural pest control	0.09	N/A	N/A	N/A
tetrapotassium pyrophosphate	Landscape maintenance	0.84	N/A	N/A	N/A
thiabendazole, hypophosphite salt	Landscape maintenance	0.42	N/A	N/A	N/A
thiamethoxam	Structural pest control	2.27	N/A	N/A	N/A
thiophanate-methyl	Landscape maintenance	11.55	1	150,000.0	S
thiophanate-methyl	Landscape maintenance	11.68	N/A	N/A	N/A
thyme oil	Structural pest control	<0.01	N/A	N/A	N/A
topramezone	Landscape maintenance	0.65	N/A	N/A	N/A
triadimefon	Landscape maintenance	14.8	N/A	N/A	N/A
triclopyr choline	Landscape maintenance	86.93	N/A	N/A	N/A
triclopyr choline	Rights of way	53.81	N/A	N/A	N/A
triclopyr, butoxyethyl ester	Landscape maintenance	157.17	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	5.97	N/A	N/A	N/A
triethanolamine	Landscape maintenance	2.15	N/A	N/A	N/A
trifloxystrobin	Landscape maintenance	5.99	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>trifloxysulfuron-sodium</b>	Landscape maintenance	0.01	N/A	N/A	N/A
<b>trifluralin</b>	Landscape maintenance	2.6	N/A	N/A	N/A
<b>trinexapac-ethyl</b>	Landscape maintenance	0.19	1	150,000.0	S
<b>trinexapac-ethyl</b>	Landscape maintenance	62.56	N/A	N/A	N/A
<b>triptolide</b>	Structural pest control	<0.01	N/A	N/A	N/A
<b>warfarin</b>	Landscape maintenance	0.01	N/A	N/A	N/A
<b>warfarin</b>	Structural pest control	<0.01	N/A	N/A	N/A
<b>zinc phosphide</b>	Structural pest control	0.05	N/A	N/A	N/A
<b>zinc sulfate</b>	Landscape maintenance	0.74	N/A	N/A	N/A