

# 2022 Annual Statewide Pesticide Use Report Indexed by Chemical Napa County

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[Text files](https://files.cdpr.ca.gov/pub/outgoing/pur/data/) 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
<b>1,3-dichloropropene</b>	Soil fumigation/preplant	24,277.64	6	73.61	A
<b>2,4-d, 2-ethylhexyl ester</b>	Landscape maintenance	3.3	N/A	N/A	N/A
<b>2,4-d, 2-ethylhexyl ester</b>	Structural pest control	0.1	N/A	N/A	N/A
<b>2,4-d, dimethylamine salt</b>	Landscape maintenance	0.09	N/A	N/A	N/A
<b>2,4-d, dimethylamine salt</b>	Structural pest control	<0.01	N/A	N/A	N/A
<b>2,4-d, isoctyl ester</b>	Landscape maintenance	9.22	N/A	N/A	N/A
<b>2,4-d, isoctyl ester</b>	N-grnhs transplants	31.71	N/A	16.0	A
<b>2,4-dp-p, isoctyl ester</b>	Landscape maintenance	0.12	N/A	N/A	N/A
<b>2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate</b>	Grape	0.54	2	2.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Grape, wine	21,118.26	6,740	111,092.23	A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Olive	0.2	1	1.5	A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Stone fruit	0.54	2	2.0	A
2-butoxyethanol	Rights of way	19.12	N/A	N/A	N/A
2-methyl-1-butanol	Structural pest control	0.26	N/A	N/A	N/A
2-methyl-4-isothiazolin-3-one	Water (industrial)	1.19	N/A	96.0	U
3,7-dimethyl-6-octen-1-ol	Grape, wine	0.34	8	32.5	A
3-chloro-p-toluidine hydrochloride	Landscape maintenance	0.02	N/A	N/A	N/A
4-nonylphenol, formaldehyde resin, propoxylated	Grape, wine	501.69	339	5,232.0	A
4-nonylphenol, formaldehyde resin, propoxylated	Water area	2.72	1	0.75	A
5-chloro-2-methyl-4-isothiazolin-3-one	Water (industrial)	3.4	N/A	96.0	U
Abamectin	Grape, wine	1.4	11	76.28	A
Abamectin	Landscape maintenance	<0.01	N/A	N/A	N/A
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	Landscape maintenance	0.24	N/A	N/A	N/A
Acephate	Structural pest control	3.84	N/A	N/A	N/A
Acetamiprid	Grape, wine	284.58	216	3,574.8	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Acetamiprid	Landscape maintenance	0.28	N/A	N/A	N/A
Acetamiprid	Structural pest control	0.17	N/A	N/A	N/A
Acetic acid	Landscape maintenance	36.82	N/A	N/A	N/A
Acetic acid	Structural pest control	0.61	N/A	N/A	N/A
Acibenzolar-s-methyl	Landscape maintenance	2.16	N/A	N/A	N/A
Acid blue 9, diammonium salt	Water area	13.96	N/A	64.0	A
Acid blue 9, diammonium salt	Water area	4.72	N/A	65.0	U
Alcohols, c12-c14, aliphatic	Rights of way	7.43	N/A	N/A	N/A
Alkyl (50%c14, 40%c12, 10%c16) dimethylbenzyl ammonium chloride	Structural pest control	5.92	N/A	N/A	N/A
Alkyl (c8,c10) polyglucoside	Grape, wine	676.37	436	2,997.56	A
Alkyl (c8,c10) polyglucoside	Landscape maintenance	36.44	N/A	N/A	N/A
Alkyl (c8,c10) polyglucoside	Olive	0.06	1	1.0	A
Alkyl (c8,c10) polyglucoside	Rights of way	107.77	N/A	N/A	N/A
Alkyl (c8,c10) polyglucoside	Water area	0.12	1	0.17	A
Alkyl (c9-c11) oligomeric d-glucopyranoside	Rights of way	21.24	N/A	N/A	N/A
Allethrin	Grape, wine	0.08	4	22.0	A
Allyloxyethylene glycol acetate	Grape, wine	15.78	85	1,337.95	A
Alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	Grape, wine	55.46	317	5,351.27	A
Alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	0.39	N/A	N/A	N/A
Alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	Olive	0.01	1	0.5	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	Rights of way	0.14	N/A	N/A	N/A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Grape, wine	2,933.08	560	10,940.11	A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	41.82	N/A	N/A	N/A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Rights of way	3.04	N/A	N/A	N/A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Uncultivated non-ag	6.66	N/A	10.0	A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Water area	0.04	N/A	7.0	A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Water area	0.52	N/A	1.0	U
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Wheat	51.16	1	340.0	A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	Grape, wine	52.51	69	414.22	A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	Water area	3.3	1	0.75	A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	Grape, wine	142.74	60	340.89	A
Alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	Grape, wine	10.4	20	269.03	A
Alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	Rights of way	0.02	N/A	N/A	N/A
Alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	Grape, wine	34.31	8	121.47	A
Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Grape, wine	1,396.63	1,419	8,395.82	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	3.24	N/A	N/A	N/A
Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Olive	0.34	4	2.8	A
Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Rights of way	0.12	N/A	N/A	N/A
Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Uncultivated ag	0.66	2	5.16	A
Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Uncultivated non-ag	1.88	N/A	72.0	A
Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Wheat	14.62	1	340.0	A
Alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	Grape, wine	2,504.68	1,304	20,852.21	A
Alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	Uncultivated ag	0.79	N/A	6.8	A
Alpha-alkylaryl-omega-hydroxypoly(oxyethylene)	Grape, wine	1.22	2	5.75	A
Alpha-cypermethrin	Regulatory pest control	<0.01	N/A	N/A	N/A
Alpha-cypermethrin	Structural pest control	9.17	N/A	N/A	N/A
Alpha-isodecyl-omega-hydroxypoly(oxyethylene)	Grape, wine	20.1	54	285.19	A
Alpha-pinene beta-pinene copolymer	Grape, wine	1,163.15	419	6,423.44	A
Alpha-pinene beta-pinene copolymer	Olive	0.27	1	0.5	A
Alpha-pinene beta-pinene copolymer	Wheat	8.67	1	340.0	A
Alpha-undecyl-omega-hydroxypoly(oxyethylene)	Grape, wine	5.06	1	40.0	A
Alpha-undecyl-omega-hydroxypoly(oxyethylene)	Landscape maintenance	36.18	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Alpha-undecyl-omega-hydroxypoly(oxyethylene)	Rights of way	6.27	N/A	N/A	N/A
Alpha-undecyl-omega-hydroxypoly(oxyethylene)	Water (industrial)	0.21	N/A	0.9	A
Alpha-undecyl-omega-hydroxypoly(oxyethylene)	Water area	2.23	N/A	26.1	A
Alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	Structural pest control	0.03	N/A	N/A	N/A
Aluminum phosphide	Landscape maintenance	7.38	N/A	N/A	N/A
Aminocyclopyrachlor, potassium salt	Rights of way	7.12	N/A	N/A	N/A
Aminopyralid, triisopropanolamine salt	Landscape maintenance	10.49	N/A	N/A	N/A
Aminopyralid, triisopropanolamine salt	Rights of way	19.42	N/A	N/A	N/A
Aminopyralid, triisopropanolamine salt	Uncultivated non-ag	21.21	N/A	212.0	A
Ammonium nitrate	Grape, wine	1,612.71	1,795	10,341.67	A
Ammonium nitrate	Landscape maintenance	10.0	N/A	N/A	N/A
Ammonium nitrate	Olive	0.24	5	3.8	A
Ammonium nitrate	Rights of way	0.48	N/A	N/A	N/A
Ammonium nitrate	Uncultivated ag	0.08	2	5.16	A
Ammonium nitrate	Uncultivated non-ag	0.24	N/A	72.0	A
Ammonium nitrate	Water area	0.05	1	0.17	A
Ammonium nonanoate	Landscape maintenance	4.36	N/A	N/A	N/A
Ammonium propionate	Grape, wine	5.54	5	53.7	A
Ammonium sulfate	Grape, wine	8,229.1	1,760	11,350.76	A
Ammonium sulfate	Landscape maintenance	120.42	N/A	N/A	N/A
Ammonium sulfate	Olive	1.08	4	2.8	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
<b>Ammonium sulfate</b>	Rights of way	10.87	N/A	N/A	N/A
<b>Ammonium sulfate</b>	Uncultivated ag	39.22	2	31.41	A
<b>Ammonium sulfate</b>	Uncultivated non-ag	6.0	N/A	72.0	A
<b>Ammonium sulfate</b>	Water area	0.11	1	0.17	A
<b>Azadirachtin</b>	Grape, wine	1.44	4	37.27	A
<b>Azadirachtin</b>	Landscape maintenance	0.04	N/A	N/A	N/A
<b>Azadirachtin</b>	Structural pest control	0.64	N/A	N/A	N/A
<b>Azoxystrobin</b>	Grape, wine	690.66	240	3,467.17	A
<b>Azoxystrobin</b>	Landscape maintenance	61.32	N/A	N/A	N/A
<b>Bacillus amyloliquefaciens strain d747</b>	Grape, wine	457.95	13	83.36	A
<b>Bacillus amyloliquefaciens strain mbi 600</b>	Grape, wine	0.17	1	3.0	A
<b>Bacillus pumilus, strain qst 2808</b>	Grape	0.18	2	2.0	A
<b>Bacillus pumilus, strain qst 2808</b>	Grape, wine	1,274.4	974	12,472.64	A
<b>Bacillus pumilus, strain qst 2808</b>	Olive	0.18	1	1.5	A
<b>Bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins</b>	Public health	28.89	N/A	N/A	N/A
<b>Bacillus thuringiensis (berliner)</b>	Grape, wine	0.02	1	2.0	A
<b>Bacillus thuringiensis (berliner)</b>	Plum	<0.01	1	0.2	A
<b>Bacillus thuringiensis (berliner)</b>	Vegetables, leafy	<0.01	2	0.2	A
<b>Bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14</b>	Public health	38.01	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 (berliner), subsp. kurstaki strain sa-12</b>	Landscape maintenance	1.42	N/A	N/A	N/A
<b>Bacillus thuringiensis, subsp. israelensis, strain am 65-52</b>	Public health	6.94	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
<b>Bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles</b>	Grape, wine	1.96	6	23.14	A
<b>Bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles</b>	Stone fruit	1.62	2	2.0	A
<b>Bacillus thuringiensis, subsp. kurstaki, strain hd-1</b>	Grape, wine	1.03	1	5.0	A
<b>Bacteriophages active against xylella fastidiosa</b>	Grape, wine	<0.01	4	14.0	A
<b>Beauveria bassiana strain gha</b>	Structural pest control	0.02	N/A	N/A	N/A
<b>Benzoic acid</b>	Grape, wine	24.86	776	5,649.85	A
<b>Benzoic acid</b>	Landscape maintenance	0.07	N/A	N/A	N/A
<b>Benzoic acid</b>	Rights of way	0.41	N/A	N/A	N/A
<b>Benzovindiflupyr</b>	Grape, wine	139.91	75	2,058.46	A
<b>Beta-conglutin</b>	Grape, wine	971.1	198	1,907.08	A
<b>Beta-cyfluthrin</b>	Grape, wine	6.86	4	137.62	A
<b>Beta-cyfluthrin</b>	Landscape maintenance	0.01	N/A	N/A	N/A
<b>Beta-cyfluthrin</b>	Structural pest control	31.1	N/A	N/A	N/A
<b>Bifenazate</b>	Grape, wine	100.05	24	268.5	A
<b>Bifenthrin</b>	Landscape maintenance	3.3	N/A	N/A	N/A
<b>Bifenthrin</b>	Rights of way	0.28	N/A	N/A	N/A
<b>Bifenthrin</b>	Structural pest control	237.28	N/A	N/A	N/A
<b>Borax</b>	Grape, wine	0.15	1	9.0	A
<b>Borax</b>	Rights of way	103.18	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>
<b>Borax</b>	Structural pest control	1.18	N/A	N/A	N/A
<b>Boric acid</b>	Landscape maintenance	43.87	N/A	N/A	N/A
<b>Boric acid</b>	Structural pest control	567.72	N/A	N/A	N/A
<b>Boscalid</b>	Grape, wine	1,979.75	473	6,642.35	A
<b>Boscalid</b>	N-outdr plants in containers	0.01	2	0.35	A
<b>Brodifacoum</b>	Landscape maintenance	<0.01	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	0.02	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	0.43	N/A	N/A	N/A
<b>Buprofezin</b>	Grape, wine	48.71	3	56.79	A
<b>Burkholderia rinojensis strain a396</b>	Grape, wine	2,964.41	28	471.98	A
<b>Butyl alcohol</b>	Grape, wine	232.77	432	7,926.82	A
<b>Butyl alcohol</b>	Landscape maintenance	0.01	N/A	N/A	N/A
<b>Butyl alcohol</b>	Uncultivated non-ag	0.82	N/A	10.0	A
<b>Butyl alcohol</b>	Water area	0.06	N/A	1.0	U
<b>Butyl lactate</b>	Forest, timberland	0.47	2	25.0	A
<b>Butyl lactate</b>	Grape, wine	272.02	129	2,486.99	A
<b>Butyl lactate</b>	Rights of way	0.57	N/A	N/A	N/A
<b>Butyl lactate</b>	Uncultivated ag	0.15	2	0.56	A
<b>Calcium chloride</b>	Grape, wine	107.82	242	3,445.22	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Calcium chloride	Landscape maintenance	0.15	N/A	N/A	N/A
Calcium chloride	Rights of way	0.03	N/A	N/A	N/A
Calcium hydroxide	Grape, wine	0.37	2	2.0	A
Canola oil	Landscape maintenance	1.29	N/A	N/A	N/A
Capric acid	Grape, wine	1,653.52	89	440.51	A
Capric acid	Landscape maintenance	6.52	N/A	N/A	N/A
Capric acid	N-grnhs flower	11.23	1	1.3	A
Capric acid	Rights of way	1.45	N/A	N/A	N/A
Caprylic acid	Grape, wine	2,428.6	89	440.51	A
Caprylic acid	Landscape maintenance	9.58	N/A	N/A	N/A
Caprylic acid	N-grnhs flower	16.49	1	1.3	A
Caprylic acid	Rights of way	2.13	N/A	N/A	N/A
Carbaryl	Grape, wine	0.28	2	3.55	A
Carbaryl	Structural pest control	0.34	N/A	N/A	N/A
Carbo methoxy ether cellulose, sodium salt	Grape, wine	1.67	29	457.12	A
Carfentrazone-ethyl	Grape, wine	88.03	615	3,412.04	A
Carfentrazone-ethyl	Landscape maintenance	2.76	N/A	N/A	N/A
Carfentrazone-ethyl	Structural pest control	0.01	N/A	N/A	N/A
Carfentrazone-ethyl	Wheat	4.98	1	340.0	A
Castor oil ethoxylate	Grape, wine	422.1	323	4,800.72	A
Chlorantraniliprole	Grape, wine	3.89	5	38.6	A
Chlorantraniliprole	Landscape maintenance	5.53	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
<b>Chlorantraniliprole</b>	Structural pest control	2.15	N/A	N/A	N/A
<b>Chlорfenапyr</b>	Structural pest control	702.38	N/A	N/A	N/A
<b>Chlorophacinone</b>	Grape, wine	<0.01	1	0.01	A
<b>Chlorophacinone</b>	Landscape maintenance	<0.01	N/A	N/A	N/A
<b>Chlorophacinone</b>	Structural pest control	0.01	N/A	N/A	N/A
<b>Chlorothalonil</b>	Landscape maintenance	1,068.28	N/A	N/A	N/A
<b>Chlorothalonil</b>	N-grnhs transplants	14.84	N/A	1.5	A
<b>Chlorothalonil</b>	Structural pest control	2.64	N/A	N/A	N/A
<b>Chlorsulfuron</b>	Landscape maintenance	0.47	N/A	N/A	N/A
<b>Chlorsulfuron</b>	Rights of way	2.37	N/A	N/A	N/A
<b>Cholecalciferol</b>	Structural pest control	1.53	N/A	N/A	N/A
<b>Cholecalciferol</b>	Vertebrate control	<0.01	N/A	N/A	N/A
<b>Chromobacterium subtsugae strain praa4-1</b>	Grape, wine	30.6	2	34.0	A
<b>Citric acid</b>	Grape, wine	323.79	256	3,588.69	A
<b>Citric acid</b>	Landscape maintenance	0.42	N/A	N/A	N/A
<b>Citric acid</b>	N-grnhs flower	1.01	1	1.3	A
<b>Citric acid</b>	Rights of way	0.07	N/A	N/A	N/A
<b>Citric acid</b>	Uncultivated ag	0.05	2	0.56	A
<b>Clarified hydrophobic extract of neem oil</b>	Landscape maintenance	15.23	N/A	N/A	N/A
<b>Clarified hydrophobic extract of neem oil</b>	N-outdr plants in containers	1.71	1	0.5	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Clopyralid, monoethanolamine salt	Landscape maintenance	487.78	N/A	N/A	N/A
Clopyralid, monoethanolamine salt	Rights of way	6.22	N/A	N/A	N/A
Clothianidin	Grape, wine	376.15	195	4,124.04	A
Clothianidin	Landscape maintenance	0.8	N/A	N/A	N/A
Clothianidin	Structural pest control	1.73	N/A	N/A	N/A
Coconut diethanolamide	Structural pest control	0.01	N/A	N/A	N/A
Copper ammonium carbonate	Landscape maintenance	0.66	N/A	N/A	N/A
Copper ethanolamine complexes, mixed	Uncultivated ag	82.79	5	3.27	A
Copper ethanolamine complexes, mixed	Water (industrial)	98.67	N/A	32.59	A
Copper ethanolamine complexes, mixed	Water area	120.19	N/A	25.75	A
Copper ethanolamine complexes, mixed	Water area	371.34	N/A	66.0	U
Copper hydroxide	Grape, wine	1,705.77	537	7,409.59	A
Copper hydroxide	Landscape maintenance	25.37	N/A	N/A	N/A
Copper hydroxide	Olive	4.55	1	5.3	A
Copper hydroxide	Olive	0.64	1	100.0	U
Copper hydroxide	Rights of way	7.35	N/A	N/A	N/A
Copper hydroxide	Structural pest control	40.12	N/A	N/A	N/A
Copper hydroxide	Uncultivated ag	1.27	N/A	0.05	A
Copper oxychloride	Grape, wine	2,260.15	534	7,502.41	A
Copper oxychloride	Landscape maintenance	27.81	N/A	N/A	N/A
Copper oxychloride	Olive	5.05	1	5.3	A
Copper oxychloride	Olive	0.71	1	100.0	U

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Copper oxychloride	Structural pest control	44.07	N/A	N/A	N/A
Copper sulfate (basic)	Grape, wine	145.76	3	123.12	A
Copper sulfate (pentahydrate)	Water (industrial)	7.32	N/A	3.5	A
Copper sulfate (pentahydrate)	Water area	393.36	N/A	101.82	A
Copper sulfate (pentahydrate)	Water area	730.62	N/A	4,835.16	K
Copper sulfate (pentahydrate)	Water area	6.93	N/A	27,000.0	S
Corn gluten meal	Landscape maintenance	6.31	N/A	N/A	N/A
Coyote urine	Structural pest control	0.18	N/A	N/A	N/A
Cuprous oxide	Grape, wine	2,822.65	215	2,922.17	A
Cuprous oxide	Landscape maintenance	9.81	N/A	N/A	N/A
Cuprous oxide	Pear	0.63	3	0.5	A
Cuprous oxide	Plum	2.52	1	0.24	A
Cyazofamid	Landscape maintenance	0.71	N/A	N/A	N/A
Cyflufenamid	Grape, wine	594.84	1,301	21,333.45	A
Cyflumetofen	Grape, wine	16.92	18	105.19	A
Cyfluthrin	Structural pest control	0.26	N/A	N/A	N/A
Cypermethrin	Rights of way	0.13	N/A	N/A	N/A
Cypermethrin	Structural pest control	5.89	N/A	N/A	N/A
Cyprodinil	Grape, wine	1,694.13	752	13,550.02	A
Ddvp	Structural pest control	<0.01	N/A	N/A	N/A
Ddvp, other related	Structural pest control	<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>Deltamethrin</b>	Landscape maintenance	0.01	N/A	N/A	N/A
<b>Deltamethrin</b>	Structural pest control	18.08	N/A	N/A	N/A
<b>Diatomaceous earth</b>	Structural pest control	3.3	N/A	N/A	N/A
<b>Dicamba</b>	Landscape maintenance	0.79	N/A	N/A	N/A
<b>Dicamba</b>	N-grnhs transplants	2.01	N/A	16.0	A
<b>Dicamba</b>	Structural pest control	0.01	N/A	N/A	N/A
<b>Dicamba, dimethylamine salt</b>	Landscape maintenance	1.94	N/A	N/A	N/A
<b>Dicamba, dimethylamine salt</b>	Structural pest control	<0.01	N/A	N/A	N/A
<b>Didecyl dimethyl ammonium chloride</b>	Landscape maintenance	0.32	N/A	N/A	N/A
<b>Didecyl dimethyl ammonium chloride</b>	Structural pest control	2.24	N/A	N/A	N/A
<b>Diethylene glycol</b>	Grape, wine	0.21	1	5.0	A
<b>Diethylene glycol</b>	Landscape maintenance	3.64	N/A	N/A	N/A
<b>Diethylene glycol</b>	Rights of way	0.04	N/A	N/A	N/A
<b>Difenoconazole</b>	Grape, wine	637.66	742	14,291.76	A
<b>Difenoconazole</b>	Landscape maintenance	12.13	N/A	N/A	N/A
<b>Difethialone</b>	Structural pest control	<0.01	N/A	N/A	N/A
<b>Dikegulac sodium</b>	Landscape maintenance	0.94	N/A	N/A	N/A
<b>Dimethyl alkyl tertiary amines</b>	Grape, wine	27.17	776	5,649.85	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>Dimethyl alkyl tertiary amines</b>	Landscape maintenance	0.08	N/A	N/A	N/A
<b>Dimethyl alkyl tertiary amines</b>	Rights of way	0.44	N/A	N/A	N/A
<b>Dimethyl silicone fluid emulsion</b>	Grape, wine	38.82	332	6,118.27	A
<b>Dimethyl silicone fluid emulsion</b>	Landscape maintenance	0.08	N/A	N/A	N/A
<b>Dimethylpolysiloxane</b>	Grape, wine	41.27	677	10,446.29	A
<b>Dimethylpolysiloxane</b>	Landscape maintenance	0.12	N/A	N/A	N/A
<b>Dimethylpolysiloxane</b>	Rights of way	0.19	N/A	N/A	N/A
<b>Dimethylpolysiloxane</b>	Uncultivated ag	0.02	N/A	26.25	A
<b>Dimethylpolysiloxane</b>	Uncultivated non-ag	0.01	N/A	10.0	A
<b>Dimethylpolysiloxane</b>	Water area	<0.01	1	0.17	A
<b>Dimethylpolysiloxane</b>	Water area	<0.01	N/A	1.0	U
<b>Dinotefuran</b>	Grape, wine	187.37	76	1,209.82	A
<b>Dinotefuran</b>	Landscape maintenance	0.05	N/A	N/A	N/A
<b>Dinotefuran</b>	Regulatory pest control	0.02	N/A	N/A	N/A
<b>Dinotefuran</b>	Structural pest control	162.5	N/A	N/A	N/A
<b>Diocetyl dimethyl ammonium chloride</b>	Landscape maintenance	0.32	N/A	N/A	N/A
<b>Diocetyl dimethyl ammonium chloride</b>	Structural pest control	2.23	N/A	N/A	N/A
<b>Diphacinone</b>	Fumigation, other	<0.01	N/A	N/A	N/A
<b>Diphacinone</b>	Grape, wine	0.31	10	202.77	A
<b>Diphacinone</b>	Landscape maintenance	0.02	N/A	N/A	N/A
<b>Diphacinone</b>	Rights of way	<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>
Diphacinone	Structural pest control	0.31	N/A	N/A	N/A
Diphacinone, sodium salt	Structural pest control	<0.01	N/A	N/A	N/A
Diquat dibromide	Commodity fumigation	0.94	N/A	N/A	N/A
Diquat dibromide	Landscape maintenance	25.83	N/A	N/A	N/A
Diquat dibromide	Rights of way	46.63	N/A	N/A	N/A
Diquat dibromide	Water (industrial)	5.59	N/A	6.0	A
Diquat dibromide	Water area	80.99	N/A	26.0	A
Disodium octaborate anhydrous	Rights of way	39.81	N/A	N/A	N/A
Disodium octaborate tetrahydrate	Structural pest control	132.82	N/A	N/A	N/A
Dithiopyr	Landscape maintenance	342.14	N/A	N/A	N/A
Dithiopyr	Rights of way	18.13	N/A	N/A	N/A
Dithiopyr	Structural pest control	13.09	N/A	N/A	N/A
Diuron	Landscape maintenance	5.6	N/A	N/A	N/A
Diuron	Rights of way	6.4	N/A	N/A	N/A
Dodecylbenzene sulfonic acid	Structural pest control	0.03	N/A	N/A	N/A
E,e-8,10-dodecadien-1-ol	Grape, wine	1.47	18	139.75	A
Edta, tetrasodium salt	N-grnhs transplants	0.02	N/A	3.0	A
Edta, tetrasodium salt	Structural pest control	<0.01	N/A	N/A	N/A
Emamectin benzoate	Landscape maintenance	0.04	N/A	N/A	N/A
Emamectin benzoate	Structural pest control	0.74	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
<b>Endothall, dipotassium salt</b>	Water (industrial)	5.29	N/A	0.7	A
<b>Esfenvalerate</b>	Public health	<0.01	N/A	N/A	N/A
<b>Esfenvalerate</b>	Structural pest control	4.45	N/A	N/A	N/A
<b>Ethepron</b>	Landscape maintenance	191.46	N/A	N/A	N/A
<b>Ethepron</b>	Structural pest control	0.66	N/A	N/A	N/A
<b>Ethyl alcohol</b>	N-grnhs transplants	1.16	N/A	3.0	A
<b>Etofenprox</b>	Public health	6.94	N/A	N/A	N/A
<b>Etofenprox</b>	Regulatory pest control	0.04	N/A	N/A	N/A
<b>Etofenprox</b>	Structural pest control	0.76	N/A	N/A	N/A
<b>Etoxazole</b>	Grape, wine	59.36	31	449.32	A
<b>Eugenol</b>	Structural pest control	0.02	N/A	N/A	N/A
<b>Farnesol</b>	Grape, wine	0.14	8	32.5	A
<b>Fatty acids, c16-18 and c18-unsaturated, branched and linear</b>	Grape, wine	0.01	1	6.54	A
<b>Fatty acids, c16-c18 and c18-unsaturated, methyl esters</b>	Grape, wine	37.04	55	316.19	A
<b>Fatty acids, methyl esters</b>	Grape, wine	289.64	26	579.43	A
<b>Fatty acids, mixed</b>	Landscape maintenance	5.13	N/A	N/A	N/A
<b>Fatty acids, mixed</b>	Rights of way	0.08	N/A	N/A	N/A
<b>Fenarimol</b>	Grape, wine	0.02	1	1.0	A
<b>Fenhexamid</b>	Grape, wine	2,534.12	200	5,041.45	A
<b>Fenpropathrin</b>	Grape, wine	5.22	4	13.19	A
<b>Fenpropathrin</b>	Olive	1.25	2	1,800.0	U
<b>Fenpyroximate</b>	Grape, wine	4.82	4	52.81	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>Ferric sodium edta</b>	Landscape maintenance	0.05	N/A	N/A	N/A
<b>Fipronil</b>	Regulatory pest control	<0.01	N/A	N/A	N/A
<b>Fipronil</b>	Structural pest control	72.99	N/A	N/A	N/A
<b>Flazasulfuron</b>	Grape, wine	162.27	531	4,785.68	A
<b>Fluazifop-p-butyl</b>	Grape, wine	91.61	89	310.25	A
<b>Fluazifop-p-butyl</b>	Landscape maintenance	2.86	N/A	N/A	N/A
<b>Fluazinam</b>	Landscape maintenance	28.32	N/A	N/A	N/A
<b>Fludioxonil</b>	Grape, wine	748.14	258	3,533.92	A
<b>Fludioxonil</b>	Landscape maintenance	14.47	N/A	N/A	N/A
<b>Flumioxazin</b>	Grape, wine	1,436.09	664	5,690.49	A
<b>Flumioxazin</b>	Landscape maintenance	1.52	N/A	N/A	N/A
<b>Flumioxazin</b>	Rights of way	24.86	N/A	N/A	N/A
<b>Flumioxazin</b>	Uncultivated ag	10.25	2	26.81	A
<b>Flumioxazin</b>	Water area	0.8	N/A	8.5	A
<b>Flumioxazin</b>	Water area	0.5	N/A	1.0	U
<b>Fluopyram</b>	Grape, wine	1,321.38	711	12,932.9	A
<b>Flupyradifurone</b>	Grape, wine	326.96	94	2,045.91	A
<b>Flupyradifurone</b>	Landscape maintenance	0.06	N/A	N/A	N/A
<b>Fluridone</b>	Uncultivated ag	1.0	1	13.33	A
<b>Fluridone</b>	Water area	0.4	N/A	1.25	A
<b>Fluridone</b>	Water area	0.7	N/A	242,890.2	C
<b>Fluridone</b>	Water area	4.57	N/A	1,045.0	K
<b>Flutianil</b>	Grape, wine	40.09	77	1,898.09	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
<b>Flutolanil</b>	Landscape maintenance	34.41	N/A	N/A	N/A
<b>Flutriafol</b>	Grape, wine	802.57	527	10,226.06	A
<b>Fluxapyroxad</b>	Landscape maintenance	10.26	N/A	N/A	N/A
<b>Forchlorfenuron</b>	Grape, wine	0.18	5	40.94	A
<b>Fosetyl-al</b>	N-outdr plants in containers	1.0	1	0.5	A
<b>Fox urine</b>	Structural pest control	0.08	N/A	N/A	N/A
<b>Gamma-cyhalothrin</b>	Structural pest control	0.43	N/A	N/A	N/A
<b>Geraniol</b>	Grape, wine	0.34	8	32.5	A
<b>Geraniol</b>	Structural pest control	0.01	N/A	N/A	N/A
<b>Glufosinate-ammonium</b>	Grape, wine	9,115.28	1,518	9,856.52	A
<b>Glufosinate-ammonium</b>	Landscape maintenance	173.42	N/A	N/A	N/A
<b>Glufosinate-ammonium</b>	Olive	0.61	1	1.0	A
<b>Glufosinate-ammonium</b>	Rights of way	79.97	N/A	N/A	N/A
<b>Glufosinate-ammonium</b>	Uncultivated ag	1.02	1	1.16	A
<b>Glutaraldehyde</b>	Water (industrial)	697.77	N/A	6.0	U
<b>Glycerol</b>	Grape, wine	76.71	71	738.75	A
<b>Glyphosate, dimethylamine salt</b>	Rights of way	250.84	N/A	N/A	N/A
<b>Glyphosate, isopropylamine salt</b>	Grape, wine	3,641.84	331	2,257.45	A
<b>Glyphosate, isopropylamine salt</b>	Landscape maintenance	694.54	N/A	N/A	N/A
<b>Glyphosate, isopropylamine salt</b>	N-outdr plants in containers	2.97	6	23.01	A
<b>Glyphosate, isopropylamine salt</b>	Rights of way	966.84	N/A	N/A	N/A
<b>Glyphosate, isopropylamine salt</b>	Strawberry	1.01	1	3.5	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Glyphosate, isopropylamine salt	Structural pest control	72.07	N/A	N/A	N/A
Glyphosate, isopropylamine salt	Uncultivated ag	1.92	2	4.06	A
Glyphosate, isopropylamine salt	Uncultivated non-ag	12.53	N/A	5.0	A
Glyphosate, isopropylamine salt	Water area	31.88	2	33.22	A
Glyphosate, monoammonium salt	Rights of way	38.17	N/A	N/A	N/A
Glyphosate, potassium salt	Forest, timberland	27.58	2	25.0	A
Glyphosate, potassium salt	Grape, wine	18,834.78	1,046	9,007.95	A
Glyphosate, potassium salt	Landscape maintenance	715.62	N/A	N/A	N/A
Glyphosate, potassium salt	Olive	8.65	7	8.8	A
Glyphosate, potassium salt	Rights of way	44.13	N/A	N/A	N/A
Glyphosate, potassium salt	Structural pest control	0.09	N/A	N/A	N/A
Glyphosate, potassium salt	Uncultivated ag	70.95	1	34.16	A
Harpin protein	Grape, wine	0.01	3	20.74	A
Heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	Grape, wine	9.49	44	495.82	A
Heptyl butyrate	Structural pest control	0.43	N/A	N/A	N/A
Hexaflumuron	Structural pest control	<0.01	N/A	N/A	N/A
Hexylene glycol	Rights of way	19.12	N/A	N/A	N/A
Hydramethynon	Structural pest control	0.51	N/A	N/A	N/A
Hydrogen peroxide	Grape, wine	9,280.42	330	4,487.49	A
Hydrogen peroxide	Olive	0.93	1	0.99	A
Hydrogen peroxide	Uncultivated ag	282.14	4	3.6	A
Hydrogen peroxide	Water (industrial)	79.85	N/A	5.85	A
Hydrogen peroxide	Water area	53.23	1	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>
<b>Hydroprene</b>	Structural pest control	1.11	N/A	N/A	N/A
<b>Imazamox, ammonium salt</b>	Landscape maintenance	1.93	N/A	N/A	N/A
<b>Imazamox, ammonium salt</b>	Water area	2.47	1	2.35	A
<b>Imazapic, ammonium salt</b>	Landscape maintenance	0.01	N/A	N/A	N/A
<b>Imazapyr, isopropylamine salt</b>	Rights of way	39.23	N/A	N/A	N/A
<b>Imidacloprid</b>	Grape, wine	1,334.02	203	3,378.53	A
<b>Imidacloprid</b>	Landscape maintenance	338.66	N/A	N/A	N/A
<b>Imidacloprid</b>	Rights of way	5.93	N/A	N/A	N/A
<b>Imidacloprid</b>	Structural pest control	100.03	N/A	N/A	N/A
<b>Indaziflam</b>	Grape, wine	206.87	512	4,721.47	A
<b>Indaziflam</b>	Landscape maintenance	4.17	N/A	N/A	N/A
<b>Indaziflam</b>	Rights of way	11.5	N/A	N/A	N/A
<b>Indoxacarb</b>	Structural pest control	3.32	N/A	N/A	N/A
<b>Iodine</b>	Landscape maintenance	0.42	N/A	N/A	N/A
<b>Iprodione</b>	Landscape maintenance	102.85	N/A	N/A	N/A
<b>Iron phosphate</b>	Landscape maintenance	0.95	N/A	N/A	N/A
<b>Iron phosphate</b>	Structural pest control	0.02	N/A	N/A	N/A
<b>Isopropyl alcohol</b>	Grape, wine	0.13	5	9.6	A
<b>Isopropyl alcohol</b>	Landscape maintenance	0.44	N/A	N/A	N/A
<b>Isopropyl alcohol</b>	N-grnhs transplants	0.02	N/A	3.0	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>Isopropyl alcohol</b>	Structural pest control	0.57	N/A	N/A	N/A
<b>Isoxaben</b>	Grape, wine	0.48	1	0.5	A
<b>Isoxaben</b>	Landscape maintenance	54.4	N/A	N/A	N/A
<b>Isoxaben</b>	Rights of way	44.25	N/A	N/A	N/A
<b>Isoxaben</b>	Structural pest control	12.9	N/A	N/A	N/A
<b>Kaolin</b>	Grape, wine	7,833.91	73	580.03	A
<b>Kaolin</b>	Olive	122.55	2	5.58	A
<b>Kaolin</b>	Olive	199.5	4	1,112.0	U
<b>Kresoxim-methyl</b>	Grape, wine	110.17	57	829.3	A
<b>Lambda-cyhalothrin</b>	Structural pest control	13.31	N/A	N/A	N/A
<b>Lavandulyl senecioate</b>	Grape, wine	418.1	1,423	26,356.46	A
<b>Lecithin</b>	Grape, wine	12.75	4	78.7	A
<b>Lecithin</b>	Landscape maintenance	31.72	N/A	N/A	N/A
<b>Lecithin</b>	Rights of way	12.33	N/A	N/A	N/A
<b>Lecithin</b>	Water area	4.6	N/A	33.1	A
<b>Lime-sulfur</b>	Grape, wine	455.7	1	37.0	A
<b>Limonene</b>	Landscape maintenance	2.51	N/A	N/A	N/A
<b>Limonene</b>	Structural pest control	7.22	N/A	N/A	N/A
<b>Limonene</b>	Water (industrial)	0.14	N/A	0.2	A
<b>Low molecular weight paraffinic oil</b>	Grape, wine	0.66	1	31.61	A
<b>Malathion</b>	Grape, wine	9.64	2	35.22	A
<b>Mancozeb</b>	Landscape maintenance	474.62	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
<b>Mancozeb</b>	Structural pest control	27.64	N/A	N/A	N/A
<b>Maneb</b>	Grape, wine	59.4	1	24.75	A
<b>Mcpp, dimethylamine salt</b>	Landscape maintenance	0.23	N/A	N/A	N/A
<b>Mcpp-p, dimethylamine salt</b>	Landscape maintenance	<0.01	N/A	N/A	N/A
<b>Mcpp-p, dimethylamine salt</b>	Structural pest control	<0.01	N/A	N/A	N/A
<b>Mecoprop-p</b>	Landscape maintenance	2.14	N/A	N/A	N/A
<b>Mecoprop-p</b>	N-grnhs transplants	4.79	N/A	16.0	A
<b>Mecoprop-p</b>	Structural pest control	0.02	N/A	N/A	N/A
<b>Mefenoxam</b>	Landscape maintenance	4.63	N/A	N/A	N/A
<b>Mefenoxam, other related</b>	Landscape maintenance	0.15	N/A	N/A	N/A
<b>Mefentrifluconazole</b>	Grape, wine	294.02	65	2,230.86	A
<b>Mefentrifluconazole</b>	Landscape maintenance	7.39	N/A	N/A	N/A
<b>Mesosulfuron-methyl</b>	Wheat	4.54	1	340.0	A
<b>Metaflumizone</b>	Grape, wine	0.19	12	209.65	A
<b>Metam-sodium</b>	Rights of way	272.39	N/A	N/A	N/A
<b>Metconazole</b>	Landscape maintenance	29.5	N/A	N/A	N/A
<b>Methoprene</b>	Public health	33.97	N/A	N/A	N/A
<b>Methoprene</b>	Structural pest control	0.01	N/A	N/A	N/A
<b>Methoxyfenozide</b>	Grape, wine	2.14	7	17.55	A
<b>Methyl silicone resins</b>	Grape, wine	312.29	21	768.41	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>	Grape, wine	2,074.3	1,103	7,391.21	A
<b>Methylated soybean oil</b>	Landscape maintenance	60.94	N/A	N/A	N/A
<b>Methylated soybean oil</b>	Olive	0.16	1	1.0	A
<b>Methylated soybean oil</b>	Rights of way	46.69	N/A	N/A	N/A
<b>Methylated soybean oil</b>	Water (industrial)	0.58	N/A	0.4	A
<b>Methylated soybean oil</b>	Water area	2.23	N/A	26.1	A
<b>Metofluthrin</b>	Structural pest control	<0.01	N/A	N/A	N/A
<b>Metrafenone</b>	Grape, wine	3,426.66	678	11,951.64	A
<b>Mineral oil</b>	Grape, wine	178,513.4	2,610	39,622.29	A
<b>Mineral oil</b>	Landscape maintenance	1,404.92	N/A	N/A	N/A
<b>Mineral oil</b>	Olive	0.08	1	0.5	A
<b>Mineral oil</b>	Olive	72.63	6	2,962.0	U
<b>Mineral oil</b>	Pear	1.98	3	0.5	A
<b>Mineral oil</b>	Public health	136.19	N/A	N/A	N/A
<b>Mineral oil</b>	Rights of way	0.9	N/A	N/A	N/A
<b>Mineral oil</b>	Structural pest control	236.27	N/A	N/A	N/A
<b>Mineral oil</b>	Vegetables, leafy	0.66	5	0.4	A
<b>Mineral oil</b>	Wheat	6.51	1	340.0	A
<b>Msma</b>	Landscape maintenance	0.01	N/A	N/A	N/A
<b>Msma</b>	Structural pest control	0.01	N/A	N/A	N/A
<b>Muscalure</b>	Structural pest control	0.1	N/A	N/A	N/A
<b>Myclobutanil</b>	Grape, wine	527.74	305	4,804.48	A
<b>Myclobutanil</b>	Landscape maintenance	0.26	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
<b>Myrothecium verrucaria, dried fermentation solids &amp; solubles, strain aarc-0255</b>	Grape, wine	5,768.22	80	617.8	A
<b>N,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids</b>	Grape, wine	6.48	105	1,139.87	A
<b>N-(2-hydroxyethyl)ethylenediaminetriacetic acid, trisodium salt</b>	Landscape maintenance	<0.01	N/A	N/A	N/A
<b>N-octyl bicycloheptene dicarboximide</b>	Grape, wine	0.27	4	22.0	A
<b>N-octyl bicycloheptene dicarboximide</b>	Structural pest control	1.88	N/A	N/A	N/A
<b>Naa, ammonium salt</b>	Landscape maintenance	0.51	N/A	N/A	N/A
<b>Nerolidol</b>	Grape, wine	0.34	8	32.5	A
<b>Nonanoic acid</b>	Landscape maintenance	0.29	N/A	N/A	N/A
<b>Novaluron</b>	Structural pest control	0.53	N/A	N/A	N/A
<b>Noviflumuron</b>	Structural pest control	0.04	N/A	N/A	N/A
<b>Nuranone</b>	Structural pest control	<0.01	N/A	N/A	N/A
<b>Octyl decyl dimethyl ammonium chloride</b>	Landscape maintenance	0.64	N/A	N/A	N/A
<b>Octyl decyl dimethyl ammonium chloride</b>	Structural pest control	4.41	N/A	N/A	N/A
<b>Oleic acid</b>	Grape, wine	1.21	4	37.0	A
<b>Oleic acid, ethyl ester</b>	Grape, wine	2,485.12	391	7,110.59	A
<b>Oleic acid, ethyl ester</b>	Landscape maintenance	7.3	N/A	N/A	N/A
<b>Oleic acid, ethyl ester</b>	Rights of way	45.04	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Oleic acid, ethyl ester	Uncultivated non-ag	80.81	N/A	194.0	A
Oleic acid, ethyl ester	Water area	14.0	1	2.35	A
Oleic acid, methyl ester	Grape, wine	193.97	77	1,274.95	A
Oleic acid, methyl ester	Rights of way	151.61	N/A	N/A	N/A
Oleic acid, methyl ester	Water (industrial)	0.65	N/A	0.7	A
Organosilicone, poly oxyalkylene ether copolymer	Landscape maintenance	7.72	N/A	N/A	N/A
Ortho-benzyl-para-chlorophenol	Landscape maintenance	0.02	N/A	N/A	N/A
Ortho-benzyl-para-chlorophenol	N-grnhs transplants	0.06	N/A	3.0	A
Ortho-phenylphenol	Landscape maintenance	0.04	N/A	N/A	N/A
Ortho-phenylphenol	N-grnhs transplants	0.13	N/A	3.0	A
Oryzalin	Grape, wine	30.55	4	15.55	A
Oryzalin	Landscape maintenance	7.87	N/A	N/A	N/A
Oxadiazon	Landscape maintenance	0.13	N/A	N/A	N/A
Oxyfluorfen	Grape, wine	1,355.32	240	2,429.06	A
Paclobutrazol	Landscape maintenance	1.51	N/A	N/A	N/A
Para-tert-amylphenol	Landscape maintenance	0.02	N/A	N/A	N/A
Pcnb	Landscape maintenance	62.98	N/A	N/A	N/A
Pendimethalin	Grape, wine	2,137.21	163	911.36	A
Pendimethalin	Landscape maintenance	1.97	N/A	N/A	N/A
Pendimethalin	Rights of way	7.96	N/A	N/A	N/A
Penoxsulam	Landscape maintenance	0.9	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>Penoxsulam</b>	N-grnhs transplants	0.08	N/A	3.0	A
<b>Penoxsulam</b>	Water area	1.19	N/A	4.0	A
<b>Penthiopyrad</b>	Landscape maintenance	41.78	N/A	N/A	N/A
<b>Penthiopyrad</b>	N-grnhs transplants	2.06	N/A	3.0	A
<b>Permethrin</b>	Landscape maintenance	0.78	N/A	N/A	N/A
<b>Permethrin</b>	Public health	4.01	N/A	N/A	N/A
<b>Permethrin</b>	Structural pest control	39.85	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>	Grape, wine	701.49	290	4,129.72	A
<b>Peroxyacetic acid</b>	Olive	0.07	1	0.99	A
<b>Peroxyacetic acid</b>	Uncultivated ag	65.01	4	3.6	A
<b>Peroxyacetic acid</b>	Water (industrial)	18.4	N/A	5.85	A
<b>Peroxyacetic acid</b>	Water area	12.27	1	7.0	A
<b>Petroleum distillates</b>	Grape, wine	31.77	4	22.0	A
<b>Phenothrin</b>	Structural pest control	0.04	N/A	N/A	N/A
<b>Phenylethyl propionate</b>	Structural pest control	0.01	N/A	N/A	N/A
<b>Phosphoric acid</b>	Grape, wine	0.09	1	2.0	A
<b>Phosphoric acid</b>	Landscape maintenance	4.45	N/A	N/A	N/A
<b>Phosphoric acid</b>	Structural pest control	0.01	N/A	N/A	N/A
<b>Piperonyl butoxide</b>	Grape, wine	0.13	4	22.0	A
<b>Piperonyl butoxide</b>	Public health	9.43	N/A	N/A	N/A
<b>Piperonyl butoxide</b>	Regulatory pest control	0.17	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
<b>Piperonyl butoxide</b>	Structural pest control	12.18	N/A	N/A	N/A
<b>Piperonyl butoxide, other related</b>	Grape, wine	0.03	4	22.0	A
<b>Piperonyl butoxide, other related</b>	Structural pest control	0.33	N/A	N/A	N/A
<b>Poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates</b>	Grape, wine	42.81	322	1,660.66	A
<b>Poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates</b>	Olive	0.01	1	1.0	A
<b>Poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether</b>	Grape, wine	59.48	21	768.41	A
<b>Poly-i-para-menthene</b>	Grape, wine	140.76	75	713.39	A
<b>Poly-i-para-menthene</b>	Plum	0.12	1	0.24	A
<b>Polyacrylamide polymer</b>	Grape, wine	0.03	1	2.0	A
<b>Polyacrylamide polymer</b>	Rights of way	0.39	N/A	N/A	N/A
<b>Polyacrylamide, polyethylene glycol mixture</b>	Rights of way	0.9	N/A	N/A	N/A
<b>Polyalkene oxide modified heptamethyl trisiloxane</b>	Landscape maintenance	1.09	N/A	N/A	N/A
<b>Polyalkene oxide modified heptamethyl trisiloxane</b>	Rights of way	0.02	N/A	N/A	N/A
<b>Polyalkyleneoxide modified polydimethyl-siloxane</b>	Grape, wine	16.77	47	523.56	A
<b>Polybutenes</b>	Grape, wine	0.77	3	33.0	A
<b>Polybutenes</b>	Vertebrate control	1.17	N/A	N/A	N/A
<b>Polyethoxylated castor oil</b>	Grape, wine	440.83	376	1,945.85	A
<b>Polyethoxylated castor oil</b>	Olive	0.06	1	1.0	A
<b>Polyethylene glycol</b>	Grape, wine	250.72	63	1,668.95	A
<b>Polyethylene glycol diacetate</b>	Grape, wine	1.43	85	1,337.95	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	Grape, wine	5.58	20	269.03	A
Polyethylene glycol stearate	Grape, wine	621.28	391	7,110.59	A
Polyethylene glycol stearate	Rights of way	0.05	N/A	N/A	N/A
Polyethylene glycol stearate	Uncultivated non-ag	20.2	N/A	194.0	A
Polyethylene glycol stearate	Water area	3.5	1	2.35	A
Polymerized pinene	Landscape maintenance	7.01	N/A	N/A	N/A
Polymerized pinene	Rights of way	2.56	N/A	N/A	N/A
Polyoxin d, zinc salt	Grape, wine	131.4	197	3,328.05	A
Polyoxyethylene dioleate	Landscape maintenance	1.28	N/A	N/A	N/A
Polyoxyethylene dioleate	Rights of way	7.85	N/A	N/A	N/A
Polyoxyethylene polyol fatty acid esters	Grape, wine	34.31	8	121.47	A
Polyoxyethylene polyol fatty acid esters	Uncultivated ag	0.23	2	0.56	A
Polyoxyethylene polyoxypropylene	Rights of way	<0.01	N/A	N/A	N/A
Polyoxyethylene sorbitan mixed fatty acid esters	Grape, wine	10.94	9	97.0	A
Polyoxyethylene sorbitan mixed fatty acid esters	Uncultivated ag	1.38	N/A	3.0	A
Polyoxyethylene sorbitan monolaurate	Forest, timberland	4.13	2	25.0	A
Polyoxyethylene sorbitan monolaurate	Grape, wine	2,392.43	129	2,486.99	A
Polyoxyethylene sorbitan monolaurate	Rights of way	5.0	N/A	N/A	N/A
Polyoxyethylene sorbitan monooleate	Landscape maintenance	0.36	N/A	N/A	N/A
Polyoxyethylene sorbitan monooleate	Rights of way	2.24	N/A	N/A	N/A
Polyoxyethylene sorbitan monooleate	Wheat	15.18	1	340.0	A
Polyoxyethylene soybean oil fatty acid ester	Grape, wine	16.36	4	17.0	A
Polyoxyethylene soybean oil fatty acid ester	Wheat	8.67	1	340.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
<b>Polypropylene glycol</b>	Grape, wine	1.08	39	395.48	A
<b>Potash soap</b>	Beet	0.25	1	0.1	A
<b>Potash soap</b>	Grape, wine	91.9	6	42.23	A
<b>Potash soap</b>	Plum	1.13	2	0.17	A
<b>Potash soap</b>	Vegetable	0.1	1	0.04	A
<b>Potash soap</b>	Vegetables, leafy	0.99	9	0.8	A
<b>Potassium bicarbonate</b>	Grape, wine	2,919.8	116	1,283.46	A
<b>Potassium phosphite</b>	Landscape maintenance	2,278.33	N/A	N/A	N/A
<b>Potassium phosphite</b>	Structural pest control	87.97	N/A	N/A	N/A
<b>Potassium silicate</b>	Grape, wine	6.47	3	9.0	A
<b>Prallethrin</b>	Structural pest control	0.91	N/A	N/A	N/A
<b>Prodiamine</b>	Landscape maintenance	673.99	N/A	N/A	N/A
<b>Prodiamine</b>	Rights of way	16.9	N/A	N/A	N/A
<b>Propamocarb</b>	Landscape maintenance	60.1	N/A	N/A	N/A
<b>Propiconazole</b>	Landscape maintenance	98.12	N/A	N/A	N/A
<b>Propionic acid</b>	Water area	0.14	N/A	7.0	A
<b>Propoxur</b>	Structural pest control	<0.01	N/A	N/A	N/A
<b>Propylene glycol</b>	Grape, wine	3.19	23	275.03	A
<b>Propylene glycol</b>	Landscape maintenance	3.64	N/A	N/A	N/A
<b>Propylene glycol</b>	Rights of way	0.03	N/A	N/A	N/A
<b>Propyzamide</b>	Grape, wine	1.38	1	11.0	A
<b>Pydiflumetofen</b>	Grape, wine	402.06	240	3,138.0	A
<b>Pyraclostrobin</b>	Grape, wine	1,005.59	473	6,642.35	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
<b>Pyraclostrobin</b>	Landscape maintenance	18.96	N/A	N/A	N/A
<b>Pyraclostrobin</b>	N-outdr plants in containers	0.02	2	0.35	A
<b>Pyraflufen-ethyl</b>	Grape, wine	3.44	73	900.4	A
<b>Pyrethrins</b>	Grape, wine	95.87	140	2,213.17	A
<b>Pyrethrins</b>	Landscape maintenance	0.01	N/A	N/A	N/A
<b>Pyrethrins</b>	Plum	0.02	2	0.17	A
<b>Pyrethrins</b>	Public health	0.96	N/A	N/A	N/A
<b>Pyrethrins</b>	Regulatory pest control	<0.01	N/A	N/A	N/A
<b>Pyrethrins</b>	Structural pest control	1.13	N/A	N/A	N/A
<b>Pyrethrins</b>	Vegetables, leafy	0.03	4	0.4	A
<b>Pyrimethanil</b>	Grape, wine	119.26	10	435.54	A
<b>Pyriofenone</b>	Grape, wine	1,241.02	721	12,415.0	A
<b>Pyriproxyfen</b>	Landscape maintenance	0.54	N/A	N/A	N/A
<b>Pyriproxyfen</b>	Regulatory pest control	<0.01	N/A	N/A	N/A
<b>Pyriproxyfen</b>	Structural pest control	0.75	N/A	N/A	N/A
<b>Qst 713 strain of dried bacillus subtilis</b>	Grape, wine	2,624.78	909	10,991.99	A
<b>Quillaja</b>	Grape, wine	280.95	94	1,385.69	A
<b>Quinoxifen</b>	Grape, wine	1,911.55	1,196	19,823.62	A
<b>Reynoutria sachalinensis</b>	Grape	13.98	2	2.0	A
<b>Reynoutria sachalinensis</b>	Grape, wine	1,325.81	544	6,307.37	A
<b>Reynoutria sachalinensis</b>	Olive	0.33	1	1.5	A
<b>Rimsulfuron</b>	Grape, wine	61.42	217	1,554.49	A
<b>Rimsulfuron</b>	Rights of way	4.8	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
S-abscisic acid	Grape, wine	0.67	1	3.83	A
S-methoprene	Public health	71.19	N/A	N/A	N/A
S-methoprene	Structural pest control	0.03	N/A	N/A	N/A
Sethoxydim	Grape, wine	28.29	34	93.56	A
Silica aerogel	Public health	3.55	N/A	N/A	N/A
Silica aerogel	Structural pest control	3.73	N/A	N/A	N/A
Silica filled polydimethylsiloxane	Forest, timberland	<0.01	2	25.0	A
Silica filled polydimethylsiloxane	Grape, wine	2.66	167	2,876.82	A
Silica filled polydimethylsiloxane	Rights of way	<0.01	N/A	N/A	N/A
Silicone	Grape, wine	0.45	43	471.02	A
Silicone defoamer	Structural pest control	<0.01	N/A	N/A	N/A
Silver nitrate	Grape, wine	<0.01	1	13.0	A
Simazine	Grape, wine	216.27	2	81.0	A
Soap	N-grnhs transplants	0.29	N/A	3.0	A
Sodium alpha-olefin (c14-c16) sulfonate	Rights of way	145.5	N/A	N/A	N/A
Sodium bisulfate	Grape, wine	0.55	1	1.5	A
Sodium bromide	Water (industrial)	447.0	N/A	154.0	U
Sodium carbonate peroxyhydrate	Water (industrial)	392.7	N/A	20.35	A
Sodium carbonate peroxyhydrate	Water area	1,445.0	N/A	16.45	A
Sodium decyl sulfate	Structural pest control	0.13	N/A	N/A	N/A
Sodium dichloro-s-triazinetrione	Water (industrial)	45.0	N/A	1.0	U
Sodium diisooctylsulfosuccinate	Grape, wine	<0.01	1	6.54	A
Sodium dioctylsulfosuccinate	Grape, wine	0.15	3	6.0	A
Sodium dioctylsulfosuccinate	Rights of way	<0.01	N/A	N/A	N/A
Sodium hydroxide	Grape, wine	0.17	1	2.0	A
Sodium hypochlorite	Grape, wine	5.82	2	74.9	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Sodium hypochlorite	Water (industrial)	305.61	N/A	153.0	U
Sodium lauroampho acetate	Structural pest control	0.1	N/A	N/A	N/A
Sodium lauryl sulfate	Structural pest control	0.07	N/A	N/A	N/A
Sodium polyacrylate	Grape, wine	0.14	5	53.7	A
Sodium tetraborate (pentahydrate)	Structural pest control	0.5	N/A	N/A	N/A
Sodium xylene sulfonate	Grape, wine	0.02	1	6.54	A
Sodium xylene sulfonate	Structural pest control	0.01	N/A	N/A	N/A
Sorbitol	Grape, wine	3.2	15	445.02	A
Spinosad	Grape, wine	2.18	29	148.31	A
Spinosad	Grape, wine	<0.01	1	50.0	U
Spinosad	Landscape maintenance	9.02	N/A	N/A	N/A
Spinosad	Olive	0.36	254	421.25	A
Spinosad	Olive	0.01	11	300.0	U
Spinosad	Peach	0.01	1	0.2	A
Spinosad	Public health	100.0	N/A	N/A	N/A
Spirotetramat	Grape, wine	1,640.7	681	14,446.38	A
Strychnine	Landscape maintenance	0.03	N/A	N/A	N/A
Strychnine	Structural pest control	<0.01	N/A	N/A	N/A
Styrene butadiene copolymer	Rights of way	0.05	N/A	N/A	N/A
Sulfentrazone	Landscape maintenance	3.97	N/A	N/A	N/A
Sulfentrazone	N-grnhs transplants	0.94	N/A	16.0	A
Sulfentrazone	Rights of way	4.68	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Sulfometuron-methyl	Landscape maintenance	2.85	N/A	N/A	N/A
Sulfometuron-methyl	Rights of way	18.39	N/A	N/A	N/A
Sulfoxaflor	Grape, wine	94.06	48	1,058.81	A
Sulfur	Grape	2.4	1	1.0	A
Sulfur	Grape, wine	734,976.88	7,375	130,567.22	A
Sulfur	Peach	3.6	2	0.45	A
Sulfur dioxide	Commodity fumigation	938.52	N/A	N/A	N/A
Sulfur dioxide	Food processing plant	30.0	N/A	3,000.0	C
Sulfur dioxide	Fumigation, other	12,645.42	N/A	N/A	N/A
Sulfur dioxide	Grape, wine	0.75	N/A	0.76	P
Sulfur dioxide	Grape, wine	5.57	N/A	148.31	U
Sulfur dioxide	Storage area/box	0.04	N/A	110.0	U
Sulfur dioxide	Unknown	2.0	N/A	26.0	U
Sulfuryl fluoride	Structural pest control	2,150.69	N/A	N/A	N/A
Tall oil	Grape, wine	6.67	9	307.25	A
Tall oil fatty acids	Grape, wine	560.25	540	4,685.37	A
Tall oil fatty acids	Landscape maintenance	1.4	N/A	N/A	N/A
Tall oil fatty acids	Olive	0.04	1	1.0	A
Tall oil fatty acids	Water (industrial)	0.21	N/A	0.9	A
Tall oil fatty acids	Wheat	4.34	1	340.0	A
Tartrazine	Water area	1.15	N/A	64.0	A
Tartrazine	Water area	0.39	N/A	65.0	U
Tebuconazole	Grape, wine	1,297.91	684	12,599.41	A
Tebuconazole	Landscape maintenance	16.88	N/A	N/A	N/A
Tebuthiuron	Rights of way	0.8	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Tetraconazole	Grape, wine	281.15	492	7,186.94	A
Tetramethrin	Structural pest control	<0.01	N/A	N/A	N/A
Tetrapotassium pyrophosphate	Structural pest control	<0.01	N/A	N/A	N/A
Thiamethoxam	Grape, wine	835.49	293	7,234.8	A
Thiamethoxam	Structural pest control	0.27	N/A	N/A	N/A
Thiophanate-methyl	Grape, wine	1,648.24	112	1,920.44	A
Thiophanate-methyl	Landscape maintenance	103.16	N/A	N/A	N/A
Thiophanate-methyl	Structural pest control	3.38	N/A	N/A	N/A
Thyme	Structural pest control	0.01	N/A	N/A	N/A
Topramezone	Landscape maintenance	0.02	N/A	N/A	N/A
Trichoderma icc 012 asperellum	Grape, wine	10.48	40	697.74	A
Trichoderma icc 080 gamsii	Grape, wine	10.48	40	697.74	A
Triclopyr choline	Rights of way	3.74	N/A	N/A	N/A
Triclopyr choline	Uncultivated ag	20.93	N/A	3.75	A
Triclopyr, butoxyethyl ester	Commodity fumigation	14.81	N/A	N/A	N/A
Triclopyr, butoxyethyl ester	Landscape maintenance	119.39	N/A	N/A	N/A
Triclopyr, butoxyethyl ester	N-grnhs flower	0.23	N/A	17.0	S
Triclopyr, butoxyethyl ester	Structural pest control	0.02	N/A	N/A	N/A
Triclopyr, butoxyethyl ester	Uncultivated ag	13.6	N/A	3.0	A
Triclopyr, butoxyethyl ester	Uncultivated non-ag	50.71	N/A	54.5	A
Triclopyr, triethylamine salt	Forest, timberland	51.04	N/A	3,304.0	U

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Triclopyr, triethylamine salt	Landscape maintenance	25.73	N/A	N/A	N/A
Triclopyr, triethylamine salt	Rights of way	72.89	N/A	N/A	N/A
Triclopyr, triethylamine salt	Water area	4.6	N/A	18.1	A
Triethanolamine	Structural pest control	0.01	N/A	N/A	N/A
Trifloxystrobin	Grape, wine	799.87	441	7,865.79	A
Trifloxystrobin	Landscape maintenance	1.0	N/A	N/A	N/A
Triflumizole	Grape, wine	3.12	5	17.0	A
Trifluralin	Landscape maintenance	2.7	N/A	N/A	N/A
Trinexapac-ethyl	Landscape maintenance	77.33	N/A	N/A	N/A
Trinexapac-ethyl	N-grnhs plants in containers	0.14	N/A	6.0	A
Trinexapac-ethyl	N-grnhs transplants	0.16	N/A	12.0	A
Urea	Grape, wine	74.65	54	285.19	A
Vinyl ester polymer	Rights of way	0.04	N/A	N/A	N/A
Warfarin	Structural pest control	<0.01	N/A	N/A	N/A
Xanthan gum	Grape, wine	3.2	15	445.02	A
Z,e-9,12-tetradecadien-1-yl acetate	Structural pest control	<0.01	N/A	N/A	N/A
Z-7-tetradecen-2-one	Structural pest control	<0.01	N/A	N/A	N/A
Zeta-cypermethrin	Structural pest control	<0.01	N/A	N/A	N/A
Zinc phosphide	Landscape maintenance	0.24	N/A	N/A	N/A