

# 2022 Annual Statewide Pesticide Use Report Indexed by Chemical Lake 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
2,4-d, 2-ethylhexyl ester	Landscape maintenance	11.57	N/A	N/A	N/A
2,4-d, dimethylamine salt	Pear	242.08	17	158.46	A
2,4-d, dimethylamine salt	Walnut	79.73	1	80.0	A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Cannabis (all or unspecified)	26.82	67	189.13	A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Grape, wine	1,206.22	139	4,531.39	A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Walnut	48.99	2	87.0	A
2-butoxyethanol	Cannabis (all or unspecified)	1.09	2	2.0	A
2-naphthol	Cannabis (all or unspecified)	0.41	2	2.0	A
3,7-dimethyl-6-octen-1-ol	Grape, wine	0.68	1	41.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
4-nonylphenol, formaldehyde resin, propoxylated	Grape, wine	329.49	47	3,266.7	A
4-nonylphenol, formaldehyde resin, propoxylated	Pear	64.98	18	348.0	A
4-nonylphenol, formaldehyde resin, propoxylated	Walnut	28.07	1	80.0	A
4-vinylcyclohexenediepoxyde	Structural pest control	<0.01	N/A	N/A	N/A
Abamectin	Grape, wine	31.18	47	1,808.81	A
Abamectin	Landscape maintenance	0.01	N/A	N/A	N/A
Abamectin	Pear	14.18	29	664.51	A
Abamectin	Structural pest control	0.01	N/A	N/A	N/A
Abamectin, other related	Structural pest control	<0.01	N/A	N/A	N/A
Acephate	Structural pest control	0.02	N/A	N/A	N/A
Acetamiprid	Grape, wine	17.44	12	207.26	A
Acid blue 9, diammonium salt	Water area	2.22	1	0.5	A
Alkyl (50%c14, 40%c12, 10%c16) dimethylbenzyl ammonium chloride	Public health	<0.01	N/A	N/A	N/A
Alkyl (50%c14, 40%c12, 10%c16) dimethylbenzyl ammonium chloride	Structural pest control	<0.01	N/A	N/A	N/A
Alkyl (c8,c10) polyglucoside	Grape, wine	984.98	253	3,134.27	A
Alkyl (c8,c10) polyglucoside	Landscape maintenance	16.41	N/A	N/A	N/A
Alkyl (c8,c10) polyglucoside	Pear	135.91	16	195.6	A
Alkyl (c8,c10) polyglucoside	Uncultivated ag	4.47	4	20.99	A
Alkyl (c8,c10) polyglucoside	Uncultivated non-ag	0.15	1	0.25	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>Alkyl (c8,c10) polyglucoside</b>	Walnut	12.0	6	85.0	A
<b>Allethrin</b>	Grape, wine	0.05	1	6.25	A
<b>Alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)</b>	Grape, wine	0.5	3	28.0	A
<b>Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)</b>	Grape, wine	6,808.5	523	17,343.69	A
<b>Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)</b>	Landscape maintenance	7.79	N/A	N/A	N/A
<b>Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)</b>	Pear	287.61	51	849.16	A
<b>Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)</b>	Rights of way	17.44	N/A	N/A	N/A
<b>Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)</b>	Uncultivated ag	1.94	5	23.43	A
<b>Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)</b>	Walnut	6.83	4	127.0	A
<b>Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)</b>	Water (industrial)	0.09	N/A	2.0	A
<b>Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester</b>	Grape, wine	24.14	13	120.71	A
<b>Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester</b>	Water (industrial)	0.17	N/A	4.0	A
<b>Alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)</b>	Grape, wine	66.47	16	285.0	A
<b>Alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)</b>	Grape, wine	3.97	1	14.0	A
<b>Alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)</b>	Landscape maintenance	7.4	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Grape, wine	111.79	30	647.23	A
Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Walnut	1.71	3	7.6	A
Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Water area	0.19	1	1.0	A
Alpha-alkyl (c9-c16)-omega-hydroxypoly(oxyethylene)	Grape, wine	57.31	34	203.5	A
Alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	Grape, wine	348.63	121	3,592.47	A
Alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	Pear	6.58	1	38.0	A
Alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	Uncultivated ag	0.05	2	2.4	A
Alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	Walnut	1.88	2	6.0	A
Alpha-cypermethrin	Landscape maintenance	1.8	N/A	N/A	N/A
Alpha-cypermethrin	Structural pest control	7.74	N/A	N/A	N/A
Alpha-isoctadecyl-omega-hydroxypoly(oxyethylene)	Public health	0.38	N/A	N/A	N/A
Alpha-pinene beta-pinene copolymer	Grape, wine	9.46	3	28.0	A
Alpha-tridecyl-omega-hydroxypoly(oxyethanol) phosphate	Grape, wine	0.68	1	6.22	A
Alpha-undecyl-omega-hydroxypoly(oxyethylene)	Grape, wine	332.07	98	1,622.84	A
Alpha-undecyl-omega-hydroxypoly(oxyethylene)	Pear	4.48	1	15.2	A
Alpha-undecyl-omega-hydroxypoly(oxyethylene)	Rights of way	20.47	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Alpha-undecyl-omega-hydroxypoly(oxyethylene)	Water (industrial)	34.77	N/A	167.3	A
Amino ethoxy vinyl glycine hydrochloride	Pear	10.55	6	96.2	A
Aminocyclopyrachlor, potassium salt	Rights of way	0.66	N/A	N/A	N/A
Aminopyralid, triisopropanolamine salt	Forage hay/silage	0.24	1	1.0	A
Aminopyralid, triisopropanolamine salt	Landscape maintenance	2.87	N/A	N/A	N/A
Aminopyralid, triisopropanolamine salt	Rights of way	4.5	N/A	N/A	N/A
Aminopyralid, triisopropanolamine salt	Uncultivated non-ag	1.44	11	7.72	A
Ammonium nitrate	Grape, wine	528.54	84	1,191.32	A
Ammonium nitrate	Pear	222.77	16	195.6	A
Ammonium nitrate	Walnut	21.28	5	39.6	A
Ammonium nitrate	Water area	0.02	1	1.0	A
Ammonium propionate	Grape, wine	1.83	10	68.5	A
Ammonium propionate	Water (industrial)	0.24	N/A	4.0	A
Ammonium sulfate	Forage hay/silage	0.69	1	1.0	A
Ammonium sulfate	Grape, wine	2,543.91	254	3,533.67	A
Ammonium sulfate	Landscape maintenance	41.54	N/A	N/A	N/A
Ammonium sulfate	Pear	91.06	6	48.5	A
Ammonium sulfate	Uncultivated ag	11.32	4	20.99	A
Ammonium sulfate	Uncultivated non-ag	0.37	1	0.25	A
Ammonium sulfate	Walnut	39.83	8	140.6	A
Ammonium sulfate	Water (industrial)	0.06	N/A	4.0	A
Ammonium sulfate	Water area	0.6	1	1.0	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>Amyl acetate</b>	Grape, wine	0.73	10	68.5	A
<b>Azadirachtin</b>	Cannabis (all or unspecified)	3.9	32	90.0	A
<b>Azoxystrobin</b>	Landscape maintenance	0.5	N/A	N/A	N/A
<b>Bacillus amyloliquefaciens strain d747</b>	Cannabis (all or unspecified)	411.28	60	113.63	A
<b>Bacillus amyloliquefaciens strain d747</b>	Grape, wine	418.59	6	95.0	A
<b>Bacillus amyloliquefaciens strain d747</b>	Pear	217.01	10	98.5	A
<b>Bacillus mycoides isolate j</b>	Pear	6.87	10	61.0	A
<b>Bacillus pumilus, strain qst 2808</b>	Grape, wine	189.65	36	1,579.99	A
<b>Bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins</b>	Public health	9.96	N/A	N/A	N/A
<b>Bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14</b>	Public health	0.14	N/A	N/A	N/A
<b>Bacillus thuringiensis (berliner), subsp. kurstaki, strain sa-11</b>	Cannabis (all or unspecified)	7.44	26	54.0	A
<b>Bacillus thuringiensis (berliner), subsp. kurstaki, strain sa-11</b>	Pear	148.96	8	97.0	A
<b>Bacillus thuringiensis, subsp. aizawai, strain abts-1857</b>	Cannabis (all or unspecified)	53.55	26	54.0	A
<b>Bacillus thuringiensis, subsp. israelensis, strain am 65-52</b>	Public health	17.38	N/A	N/A	N/A
<b>Bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles</b>	Grape, wine	2.7	1	5.0	A
<b>Bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles</b>	Pear	109.08	11	137.0	A
<b>Beauveria bassiana strain gha</b>	Grape, wine	31.83	10	72.71	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>Beauveria bassiana strain gha</b>	Structural pest control	0.05	N/A	N/A	N/A
<b>Benzoic acid</b>	Grape, wine	0.97	10	170.96	A
<b>Benzoic acid</b>	Rights of way	2.22	N/A	N/A	N/A
<b>Benzoic acid</b>	Walnut	0.01	3	7.6	A
<b>Benzovindiflupyr</b>	Grape, wine	8.98	11	127.71	A
<b>Benzovindiflupyr</b>	Landscape maintenance	0.54	1	8.0	A
<b>Beta-cyfluthrin</b>	Structural pest control	11.3	N/A	N/A	N/A
<b>Bifenazate</b>	Grape, wine	73.62	5	190.41	A
<b>Bifenazate</b>	Pear	10.0	1	40.0	A
<b>Bifenthrin</b>	Landscape maintenance	<0.01	N/A	N/A	N/A
<b>Bifenthrin</b>	Rights of way	0.08	3	4.5	A
<b>Bifenthrin</b>	Structural pest control	84.13	N/A	N/A	N/A
<b>Borax</b>	Rights of way	194.18	N/A	N/A	N/A
<b>Borax</b>	Structural pest control	0.4	N/A	N/A	N/A
<b>Boric acid</b>	Structural pest control	35.09	N/A	N/A	N/A
<b>Boscalid</b>	Grape, wine	104.19	17	957.33	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	0.04	N/A	N/A	N/A
<b>Bromoxynil octanoate</b>	Oat	101.92	2	280.0	A
<b>Buprofezin</b>	Pear	45.75	2	76.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Burkholderia rinojensis strain a396	Cannabis (all or unspecified)	934.33	50	147.9	A
Burkholderia rinojensis strain a396	Cannabis (all or unspecified)	8.11	4	38,500.0	S
Burkholderia rinojensis strain a396	Pear	402.47	8	93.0	A
Butyl alcohol	Grape, wine	82.53	41	1,583.57	A
Butyl alcohol	Rights of way	0.02	N/A	N/A	N/A
Calcium chloride	Grape, wine	84.52	35	809.18	A
Capric acid	Landscape maintenance	0.56	N/A	N/A	N/A
Capric acid	Walnut	15.11	3	6.15	A
Caprylic acid	Landscape maintenance	0.83	N/A	N/A	N/A
Caprylic acid	Walnut	22.19	3	6.15	A
Capsicum oleoresin	Cannabis (all or unspecified)	0.07	6	28,800.0	S
Carfentrazone-ethyl	Alfalfa	0.15	1	10.0	A
Carfentrazone-ethyl	Forage hay/silage	0.41	3	25.0	A
Carfentrazone-ethyl	Grape, wine	12.59	30	514.83	A
Carfentrazone-ethyl	Landscape maintenance	0.6	N/A	N/A	N/A
Carfentrazone-ethyl	Uncultivated ag	0.19	1	8.72	A
Castor oil ethoxylate	Grape, wine	8.54	2	90.0	A
Castor oil ethoxylate	Walnut	25.52	1	80.0	A
Chlorantraniliprole	Landscape maintenance	0.52	N/A	N/A	N/A
Chlorantraniliprole	Pear	11.13	6	113.0	A
Chlorantraniliprole	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>Chlordane</b>	Cannabis (all or unspecified)	0.28	2	2.0	A
<b>Chlorfenapyr</b>	Structural pest control	3.88	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	18.7	1	2.0	A
<b>Chlorothalonil</b>	Landscape maintenance	169.61	N/A	N/A	N/A
<b>Chlorsulfuron</b>	Landscape maintenance	17.09	N/A	N/A	N/A
<b>Chlorsulfuron</b>	Rights of way	0.16	N/A	N/A	N/A
<b>Chlorsulfuron</b>	Uncultivated non-ag	0.14	1	1.5	A
<b>Cholecalciferol</b>	Structural pest control	0.24	N/A	N/A	N/A
<b>Chromobacterium subtsugae strain praa4-1</b>	Cannabis (all or unspecified)	67.66	42	146.0	A
<b>Chromobacterium subtsugae strain praa4-1</b>	Grape, wine	57.0	6	95.0	A
<b>Chromobacterium subtsugae strain praa4-1</b>	Pear	15.0	2	25.0	A
<b>Citric acid</b>	Forage hay/silage	0.09	1	1.0	A
<b>Citric acid</b>	Grape, wine	255.18	74	1,214.38	A
<b>Citric acid</b>	Pear	9.83	1	15.2	A
<b>Citric acid</b>	Water (industrial)	0.12	N/A	4.0	A
<b>Clethodim</b>	Pear	21.41	16	191.15	A
<b>Clethodim</b>	Uncultivated non-ag	6.55	29	24.7	A
<b>Clopyralid, monoethanolamine salt</b>	Landscape maintenance	8.84	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Clopyralid, monoethanolamine salt	Uncultivated non-ag	0.39	1	1.25	A
Clothianidin	Grape, wine	33.62	15	255.0	A
Clothianidin	Structural pest control	0.12	N/A	N/A	N/A
Codling moth granulosis virus	Pear	0.03	14	151.0	A
Copper carbonate, basic	Rights of way	1.02	N/A	N/A	N/A
Copper ethanolamine complexes, mixed	Water (industrial)	70.3	N/A	40.0	A
Copper ethanolamine complexes, mixed	Water area	21.02	N/A	4.0	A
Copper hydroxide	Grape, wine	909.7	145	3,899.87	A
Copper hydroxide	Landscape maintenance	0.39	N/A	N/A	N/A
Copper hydroxide	Pear	304.09	32	385.13	A
Copper hydroxide	Rights of way	12.0	N/A	N/A	N/A
Copper hydroxide	Walnut	94.56	1	80.0	A
Copper oxychloride	Commercial, institutional or industrial areas	36.75	1	10.0	A
Copper oxychloride	Grape, wine	971.18	135	3,827.16	A
Copper oxychloride	Landscape maintenance	0.43	N/A	N/A	N/A
Copper oxychloride	Pear	1,438.92	42	667.63	A
Copper oxychloride	Walnut	104.81	1	80.0	A
Copper sulfate (basic)	Commercial, institutional or industrial areas	6.7	1	10.0	A
Copper sulfate (basic)	Pear	227.3	13	339.5	A
Copper sulfate (pentahydrate)	Water (industrial)	2.03	N/A	4.0	A
Copper sulfate (pentahydrate)	Water area	99.0	1	0.5	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>Corn product, hydrolyzed</b>	Walnut	214.17	6	108.0	A
<b>Cuprous oxide</b>	Grape, wine	131.91	2	190.0	A
<b>Cuprous oxide</b>	Landscape maintenance	0.18	N/A	N/A	N/A
<b>Cyantraniliprole</b>	Pear	6.74	3	82.0	A
<b>Cyflufenamid</b>	Grape, wine	136.06	152	4,792.75	A
<b>Cyflumetofen</b>	Grape, wine	115.56	23	640.59	A
<b>Cyflumetofen</b>	Pear	2.65	1	14.5	A
<b>Cyfluthrin</b>	Structural pest control	0.01	N/A	N/A	N/A
<b>Cypermethrin</b>	Structural pest control	1,084.9	N/A	N/A	N/A
<b>Cyprodinil</b>	Grape, wine	17.08	11	120.75	A
<b>Cyprodinil</b>	Pear	19.13	2	102.0	A
<b>D-trans allethrin</b>	Structural pest control	<0.01	N/A	N/A	N/A
<b>Deltamethrin</b>	Landscape maintenance	0.11	N/A	N/A	N/A
<b>Deltamethrin</b>	Structural pest control	5.71	N/A	N/A	N/A
<b>Diatomaceous earth</b>	Structural pest control	0.01	N/A	N/A	N/A
<b>Diazinon</b>	Pear	288.59	10	231.0	A
<b>Dicamba</b>	Landscape maintenance	2.94	8	32.0	A
<b>Dicamba</b>	Landscape maintenance	0.69	N/A	N/A	N/A
<b>Didecyl dimethyl ammonium chloride</b>	Public health	<0.01	N/A	N/A	N/A
<b>Didecyl dimethyl ammonium chloride</b>	Structural pest control	<0.01	N/A	N/A	N/A
<b>Diethylene glycol</b>	Rights of way	0.48	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Difenoconazole	Grape, wine	18.69	21	243.96	A
Difenoconazole	Landscape maintenance	1.79	1	8.0	A
Difethialone	Structural pest control	<0.01	N/A	N/A	N/A
Diglycolamine salt of 3,6-dichloro-o-anisic acid	Alfalfa	3.78	1	10.0	A
Dimethyl alkyl tertiary amines	Grape, wine	1.06	10	170.96	A
Dimethyl alkyl tertiary amines	Rights of way	2.41	N/A	N/A	N/A
Dimethyl alkyl tertiary amines	Walnut	0.02	3	7.6	A
Dimethyl silicone fluid emulsion	Grape, wine	1.84	11	577.5	A
Dimethylpolysiloxane	Grape, wine	7.09	89	2,074.37	A
Dimethylpolysiloxane	Pear	0.17	11	116.03	A
Dimethylpolysiloxane	Rights of way	0.01	N/A	N/A	N/A
Dimethylpolysiloxane	Uncultivated ag	<0.01	1	1.12	A
Dimethylpolysiloxane	Walnut	0.01	1	80.0	A
Dinotefuran	Grape, wine	8.33	3	77.13	A
Dinotefuran	Structural pest control	14.75	N/A	N/A	N/A
Diocetyl dimethyl ammonium chloride	Public health	<0.01	N/A	N/A	N/A
Diphacinone	Almond	<0.01	7	28.0	A
Diphacinone	Grape, wine	0.02	4	34.5	A
Diphacinone	Landscape maintenance	0.04	N/A	N/A	N/A
Diphacinone	Public health	<0.01	N/A	N/A	N/A
Diphacinone	Rangeland	<0.01	7	88.3	A
Diphacinone	Rights of way	<0.01	1	1.5	A
Diphacinone	Structural pest control	0.06	N/A	N/A	N/A
Diphacinone	Uncultivated ag	<0.01	3	12.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Diphacinone	Uncultivated non-ag	<0.01	2	6.0	A
Diphacinone	Vertebrate control	0.02	N/A	N/A	N/A
Diphacinone	Walnut	0.04	9	112.5	A
Diphacinone, sodium salt	Structural pest control	<0.01	N/A	N/A	N/A
Diquat dibromide	Landscape maintenance	0.19	N/A	N/A	N/A
Diquat dibromide	Water (industrial)	47.55	N/A	6.59	A
Diquat dibromide	Water area	272.23	N/A	38.0	A
Disodium octaborate anhydrous	Rights of way	43.31	N/A	N/A	N/A
Disodium octaborate tetrahydrate	Structural pest control	49.09	N/A	N/A	N/A
Dithiopyr	Landscape maintenance	102.18	N/A	N/A	N/A
Dithiopyr	Rights of way	14.0	N/A	N/A	N/A
Diuron	Landscape maintenance	1,219.11	N/A	N/A	N/A
Diuron	Pear	312.3	13	130.48	A
Dodine	Commercial, institutional or industrial areas	13.0	1	10.0	A
Dodine	Pear	1,041.31	33	809.51	A
E,e-8,10-dodecadien-1-ol	Pear	87.11	28	690.5	A
E-8-dodecenyl acetate	Pear	3.33	26	614.5	A
Edta	Grape, wine	0.68	2	28.0	A
Endothall, dipotassium salt	Water (industrial)	34.9	N/A	10.59	A
Endothall, dipotassium salt	Water area	10,191.22	N/A	277.5	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>Esfenvalerate</b>	Landscape maintenance	<0.01	N/A	N/A	N/A
<b>Esfenvalerate</b>	Pear	2.91	8	140.0	A
<b>Esfenvalerate</b>	Structural pest control	0.14	N/A	N/A	N/A
<b>Ethephon</b>	Landscape maintenance	2.85	N/A	N/A	N/A
<b>Ethephon</b>	Pear	20.09	1	20.0	A
<b>Etofenprox</b>	Structural pest control	2.68	N/A	N/A	N/A
<b>Etoazole</b>	Grape, wine	32.24	10	277.66	A
<b>Etoazole</b>	Pear	26.73	7	198.0	A
<b>Farnesol</b>	Grape, wine	0.27	1	41.0	A
<b>Fatty acids derived from tallow</b>	Landscape maintenance	2.96	N/A	N/A	N/A
<b>Fatty acids, methyl esters</b>	Grape, wine	555.29	38	489.08	A
<b>Fatty acids, methyl esters</b>	Uncultivated ag	25.03	4	22.31	A
<b>Fatty acids, methyl esters</b>	Walnut	69.54	1	80.0	A
<b>Fatty acids, mixed</b>	Grape, wine	3.08	21	259.71	A
<b>Fatty acids, mixed</b>	Pear	1.47	7	226.5	A
<b>Fatty acids, mixed</b>	Rights of way	0.85	N/A	N/A	N/A
<b>Fatty acids, mixed</b>	Walnut	0.38	3	47.0	A
<b>Fenhexamid</b>	Grape, wine	270.15	13	562.02	A
<b>Fipronil</b>	Structural pest control	22.49	N/A	N/A	N/A
<b>Flazasulfuron</b>	Grape, wine	17.71	26	403.31	A
<b>Fluazifop-p-butyl</b>	Grape, wine	67.69	19	203.8	A
<b>Fluazifop-p-butyl</b>	Landscape maintenance	2.04	12	52.0	A
<b>Flumioxazin</b>	Grape, wine	463.83	147	2,280.5	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Flumioxazin	Landscape maintenance	313.13	N/A	N/A	N/A
Flumioxazin	Pear	20.08	3	63.0	A
Flumioxazin	Rights of way	35.47	N/A	N/A	N/A
Flumioxazin	Uncultivated ag	0.43	3	3.52	A
Flumioxazin	Walnut	0.75	1	2.0	A
Fluopyram	Grape, wine	33.33	11	326.18	A
Flupyradifurone	Grape, wine	4.46	1	28.5	A
Fluridone	Regulatory pest control	120.95	N/A	N/A	N/A
Fluroxypyr, 1-methylheptyl ester	Rights of way	0.38	N/A	N/A	N/A
Flutianil	Grape, wine	16.74	17	791.8	A
Flutriafol	Grape, wine	402.71	139	4,939.58	A
Foramsulfuron	Landscape maintenance	0.92	8	32.0	A
Fosetyl-al	Pear	105.62	5	52.81	A
Freon 12	Structural pest control	0.22	N/A	N/A	N/A
Gamma-cyhalothrin	Structural pest control	<0.01	N/A	N/A	N/A
Garlic	Cannabis (all or unspecified)	0.21	6	28,800.0	S
Geraniol	Grape, wine	0.68	1	41.0	A
Glufosinate-ammonium	Grape, wine	2,689.44	210	3,288.15	A
Glufosinate-ammonium	Landscape maintenance	0.73	N/A	N/A	N/A
Glufosinate-ammonium	Pear	146.28	19	212.93	A
Glufosinate-ammonium	Rights of way	0.07	N/A	N/A	N/A
Glufosinate-ammonium	Uncultivated ag	9.97	1	8.72	A
Glufosinate-ammonium	Walnut	54.26	6	75.25	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>Glycerol</b>	Forage hay/silage	0.5	1	1.0	A
<b>Glycerol</b>	Grape, wine	40.52	28	336.72	A
<b>Glyphosate, isopropylamine salt</b>	Blackberry	22.27	N/A	5.0	A
<b>Glyphosate, isopropylamine salt</b>	Grape, wine	2,717.62	143	1,961.32	A
<b>Glyphosate, isopropylamine salt</b>	Landscape maintenance	3,394.9	N/A	N/A	N/A
<b>Glyphosate, isopropylamine salt</b>	N-outdr transplants	2.0	2	2.0	A
<b>Glyphosate, isopropylamine salt</b>	Pear	890.01	45	635.98	A
<b>Glyphosate, isopropylamine salt</b>	Rangeland	10.0	1	7.0	A
<b>Glyphosate, isopropylamine salt</b>	Rights of way	9.0	5	65.0	A
<b>Glyphosate, isopropylamine salt</b>	Rights of way	1,028.49	N/A	N/A	N/A
<b>Glyphosate, isopropylamine salt</b>	Structural pest control	0.01	N/A	N/A	N/A
<b>Glyphosate, isopropylamine salt</b>	Uncultivated ag	20.98	8	16.02	A
<b>Glyphosate, isopropylamine salt</b>	Uncultivated non-ag	28.59	17	25.22	A
<b>Glyphosate, isopropylamine salt</b>	Walnut	174.58	16	141.0	A
<b>Glyphosate, isopropylamine salt</b>	Water (industrial)	43.29	N/A	34.5	A
<b>Glyphosate, isopropylamine salt</b>	Water area	3.28	1	2.0	A
<b>Glyphosate, potassium salt</b>	Grape, wine	4,264.0	121	1,805.29	A
<b>Glyphosate, potassium salt</b>	Landscape maintenance	34.48	5	20.0	A
<b>Glyphosate, potassium salt</b>	Landscape maintenance	4.7	N/A	N/A	N/A
<b>Glyphosate, potassium salt</b>	Pear	164.54	7	119.52	A
<b>Glyphosate, potassium salt</b>	Rights of way	286.32	N/A	N/A	N/A
<b>Glyphosate, potassium salt</b>	Uncultivated ag	41.09	3	12.27	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>Glyphosate, potassium salt</b>	Uncultivated non-ag	0.69	1	0.25	A
<b>Glyphosate, potassium salt</b>	Walnut	231.04	2	102.0	A
<b>Halosulfuron-methyl</b>	Landscape maintenance	0.35	2	8.0	A
<b>Heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated</b>	Grape, wine	4.05	11	78.5	A
<b>Heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated</b>	Rights of way	0.22	N/A	N/A	N/A
<b>Humic acid</b>	Grape, wine	1.35	2	28.0	A
<b>Hydramethylnon</b>	Structural pest control	0.07	N/A	N/A	N/A
<b>Hydrogen peroxide</b>	Grape, wine	605.11	23	718.85	A
<b>Hydrogen peroxide</b>	Water (industrial)	10.65	N/A	10.0	A
<b>Hydrogen peroxide</b>	Water area	185.81	N/A	102.42	U
<b>Hydroprene</b>	Structural pest control	9.08	N/A	N/A	N/A
<b>Imazapyr, isopropylamine salt</b>	Rights of way	26.94	N/A	N/A	N/A
<b>Imazapyr, isopropylamine salt</b>	Uncultivated non-ag	0.06	3	13.0	A
<b>Imazapyr, isopropylamine salt</b>	Water area	0.24	N/A	1.0	A
<b>Imidacloprid</b>	Grape, wine	453.33	185	4,381.34	A
<b>Imidacloprid</b>	Landscape maintenance	3.36	N/A	N/A	N/A
<b>Imidacloprid</b>	Structural pest control	23.82	N/A	N/A	N/A
<b>Indaziflam</b>	Grape, wine	115.57	189	2,215.52	A
<b>Indaziflam</b>	Landscape maintenance	1.22	N/A	N/A	N/A
<b>Indaziflam</b>	Pear	5.07	12	99.76	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>Indaziflam</b>	Rights of way	1.33	N/A	N/A	N/A
<b>Indaziflam</b>	Walnut	0.65	2	12.4	A
<b>Indoxacarb</b>	Structural pest control	0.08	N/A	N/A	N/A
<b>Iodosulfuron-methyl-sodium</b>	Landscape maintenance	0.1	8	32.0	A
<b>Iprodione</b>	Landscape maintenance	11.59	2	4.0	A
<b>Iprodione</b>	Landscape maintenance	10.34	N/A	N/A	N/A
<b>Isofetamid</b>	Landscape maintenance	2.23	N/A	N/A	N/A
<b>Isopropyl alcohol</b>	Grape, wine	2.12	18	77.65	A
<b>Isopropyl alcohol</b>	Pear	1.78	6	82.73	A
<b>Isopropyl alcohol</b>	Structural pest control	0.02	N/A	N/A	N/A
<b>Isopropyl alcohol</b>	Uncultivated ag	0.03	1	1.12	A
<b>Isopropylamine dodecylbenzene sulfonate</b>	Blackberry	0.03	N/A	5.0	A
<b>Isopropylamine dodecylbenzene sulfonate</b>	Landscape maintenance	0.02	N/A	N/A	N/A
<b>Isoxaben</b>	Landscape maintenance	8.25	N/A	N/A	N/A
<b>Isoxaben</b>	Rights of way	23.99	N/A	N/A	N/A
<b>Kaolin</b>	Grape, wine	4,802.25	8	146.98	A
<b>Kaolin</b>	Walnut	23.75	1	14.0	A
<b>Kasugamycin hydrochloride</b>	Pear	28.58	13	285.7	A
<b>Kasugamycin hydrochloride</b>	Walnut	7.0	1	70.0	A
<b>Kresoxim-methyl</b>	Grape	0.03	1	0.5	A
<b>Kresoxim-methyl</b>	Grape, wine	45.16	21	325.5	A
<b>Lambda-cyhalothrin</b>	Structural pest control	2.01	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>Lauryl alcohol</b>	Pear	0.63	1	38.0	A
<b>Lecithin</b>	Grape, wine	842.82	166	2,200.2	A
<b>Lecithin</b>	Pear	39.2	8	241.7	A
<b>Lecithin</b>	Rights of way	38.45	N/A	N/A	N/A
<b>Lecithin</b>	Walnut	8.92	3	47.0	A
<b>Lime-sulfur</b>	Grape, wine	3,375.27	9	118.2	A
<b>Lime-sulfur</b>	Peach	4.61	1	0.5	A
<b>Lime-sulfur</b>	Pear	22,203.0	35	790.5	A
<b>Limonene</b>	Structural pest control	0.68	N/A	N/A	N/A
<b>Limonene</b>	Water (industrial)	1.16	N/A	18.0	A
<b>Low molecular weight paraffinic oil</b>	Rights of way	4.29	N/A	N/A	N/A
<b>Malathion</b>	Walnut	40.89	5	91.0	A
<b>Mancozeb</b>	Pear	5,013.0	65	1,240.5	A
<b>Mancozeb</b>	Walnut	144.0	1	80.0	A
<b>Mecoprop-p</b>	Landscape maintenance	2.38	N/A	N/A	N/A
<b>Mefentrifluconazole</b>	Grape, wine	105.94	19	791.78	A
<b>Metam-sodium</b>	Rights of way	160.0	N/A	N/A	N/A
<b>Methoprene</b>	Public health	0.52	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	123.4	7	774.0	A
<b>Methoxyfenozide</b>	Pear	199.22	36	796.51	A
<b>Methylated soybean oil</b>	Grape, wine	889.53	179	2,509.92	A
<b>Methylated soybean oil</b>	Landscape maintenance	3.34	N/A	N/A	N/A
<b>Methylated soybean oil</b>	Pear	160.5	12	177.5	A
<b>Methylated soybean oil</b>	Rights of way	239.88	N/A	N/A	N/A
<b>Methylated soybean oil</b>	Walnut	18.1	5	39.6	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>	Water (industrial)	2.89	N/A	20.0	A
<b>Methylene chloride</b>	Structural pest control	0.12	N/A	N/A	N/A
<b>Metofluthrin</b>	Structural pest control	<0.01	N/A	N/A	N/A
<b>Metrafenone</b>	Grape, wine	909.13	89	3,170.15	A
<b>Mineral oil</b>	Blackberry	4.85	N/A	5.0	A
<b>Mineral oil</b>	Cannabis (all or unspecified)	96.22	9	11.5	A
<b>Mineral oil</b>	Commercial, institutional or industrial areas	140.74	1	10.0	A
<b>Mineral oil</b>	Grape, wine	48,258.43	257	10,702.16	A
<b>Mineral oil</b>	Landscape maintenance	18.6	N/A	N/A	N/A
<b>Mineral oil</b>	Pear	105,417.6	231	4,731.34	A
<b>Mineral oil</b>	Walnut	5.29	1	14.0	A
<b>Muscalure</b>	Structural pest control	<0.01	N/A	N/A	N/A
<b>Myclobutanil</b>	Grape, wine	396.36	111	3,661.21	A
<b>Myclobutanil</b>	Landscape maintenance	0.09	N/A	N/A	N/A
<b>Myristyl alcohol</b>	Pear	0.13	1	38.0	A
<b>N,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids</b>	Grape, wine	3.15	5	55.66	A
<b>N-octyl bicycloheptene dicarboximide</b>	Grape, wine	0.17	1	6.25	A
<b>N-octyl bicycloheptene dicarboximide</b>	Structural pest control	0.78	N/A	N/A	N/A
<b>N6-benzyl adenine</b>	Pear	0.62	1	20.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Naa, ammonium salt	Pear	41.91	18	468.5	A
Naa, potassium salt	Pear	51.39	26	480.01	A
Nerolidol	Grape, wine	0.68	1	41.0	A
Novaluron	Structural pest control	0.05	N/A	N/A	N/A
Octyl decyl dimethyl ammonium chloride	Public health	<0.01	N/A	N/A	N/A
Oleic acid, ethyl ester	Grape, wine	304.91	21	1,141.33	A
Oleic acid, ethyl ester	Landscape maintenance	11.92	N/A	N/A	N/A
Oleic acid, ethyl ester	Rights of way	0.02	N/A	N/A	N/A
Oleic acid, methyl ester	Grape, wine	267.45	34	203.5	A
Oleic acid, methyl ester	Water (industrial)	162.25	N/A	167.3	A
Oryzalin	Grape, wine	20.3	2	51.0	A
Oryzalin	Landscape maintenance	3.41	N/A	N/A	N/A
Oryzalin	Pear	82.87	4	98.0	A
Oxadiazon	Landscape maintenance	260.87	12	96.32	A
Oxyfluorfen	Almond	0.47	1	1.5	A
Oxyfluorfen	Grape, wine	438.01	55	1,216.3	A
Oxyfluorfen	Landscape maintenance	103.75	N/A	N/A	N/A
Oxyfluorfen	Pear	285.04	26	320.25	A
Oxyfluorfen	Uncultivated ag	3.71	1	7.68	A
Oxyfluorfen	Walnut	14.14	5	44.6	A
Oxytetracycline hydrochloride	Pear	457.54	118	2,440.09	A
Oxytetracycline hydrochloride, other related	Pear	4.22	118	2,440.09	A
Oxytetracycline, calcium complex	Pear	635.11	188	5,158.0	A
Pendimethalin	Grape, wine	1,736.79	53	1,229.9	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>Pendimethalin</b>	Landscape maintenance	79.43	N/A	N/A	N/A
<b>Pendimethalin</b>	Pear	22.73	1	8.0	A
<b>Pendimethalin</b>	Uncultivated ag	32.24	3	10.08	A
<b>Pentachlorophenol</b>	Cannabis (all or unspecified)	1.35	2	2.0	A
<b>Permethrin</b>	N-outdr plants in containers	0.75	1	4.0	A
<b>Permethrin</b>	Public health	29.01	N/A	N/A	N/A
<b>Permethrin</b>	Structural pest control	53.94	N/A	N/A	N/A
<b>Peroxyacetic acid</b>	Grape, wine	44.66	23	718.85	A
<b>Peroxyacetic acid</b>	Water (industrial)	2.45	N/A	10.0	A
<b>Peroxyacetic acid</b>	Water area	126.69	N/A	102.42	U
<b>Petroleum distillates</b>	Grape, wine	19.86	1	6.25	A
<b>Petroleum distillates</b>	Structural pest control	0.15	N/A	N/A	N/A
<b>Phenothrin</b>	Structural pest control	0.07	N/A	N/A	N/A
<b>Phosphoric acid</b>	Forage hay/silage	0.16	1	1.0	A
<b>Phosphoric acid</b>	Grape, wine	12.14	25	302.45	A
<b>Pine oil</b>	Structural pest control	0.03	N/A	N/A	N/A
<b>Piperonyl butoxide</b>	Grape, wine	0.08	1	6.25	A
<b>Piperonyl butoxide</b>	Landscape maintenance	<0.01	N/A	N/A	N/A
<b>Piperonyl butoxide</b>	Public health	62.53	N/A	N/A	N/A
<b>Piperonyl butoxide</b>	Structural pest control	12.55	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Piperonyl butoxide, other related	Grape, wine	0.02	1	6.25	A
Piperonyl butoxide, other related	Public health	2.28	N/A	N/A	N/A
Piperonyl butoxide, other related	Structural pest control	0.27	N/A	N/A	N/A
Poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	Grape, wine	16.48	54	544.09	A
Poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	Pear	5.84	11	162.3	A
Poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	Walnut	0.67	2	32.0	A
Polyacrylamide polymer	Forage hay/silage	0.05	1	1.0	A
Polyacrylamide polymer	Grape, wine	3.9	24	296.23	A
Polyalkyleneoxide modified polydimethyl-siloxane	Grape, wine	15.71	1	15.0	A
Polyalkyleneoxide modified polydimethyl-siloxane	Pear	14.11	2	35.0	A
Polyether modified polysiloxane	N-outdr plants in containers	0.8	1	4.0	A
Polyether modified polysiloxane	Pear	7.37	3	28.2	A
Polyethoxylated castor oil	Grape, wine	160.66	54	544.09	A
Polyethoxylated castor oil	Pear	56.96	11	162.3	A
Polyethoxylated castor oil	Walnut	6.58	2	32.0	A
Polyethylene glycol	Grape, wine	1,442.41	377	11,828.41	A
Polyethylene glycol	Pear	57.79	25	259.46	A
Polyethylene glycol	Uncultivated ag	0.19	1	1.12	A
Polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	Grape, wine	35.65	16	285.0	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>Polyethylene glycol stearate</b>	Grape, wine	76.23	21	1,141.33	A
<b>Polyethylene glycol stearate</b>	Landscape maintenance	2.98	N/A	N/A	N/A
<b>Polyethylene glycol stearate</b>	Rights of way	0.01	N/A	N/A	N/A
<b>Polyoxin d, zinc salt</b>	Grape, wine	0.7	1	131.95	A
<b>Polyoxyethylene mixed fatty acid ester</b>	Walnut	1.08	1	14.0	A
<b>Polyoxyethylene polyol fatty acid esters</b>	Grape, wine	3.97	1	14.0	A
<b>Polyoxyethylene polyoxypropylene</b>	Rights of way	<0.01	N/A	N/A	N/A
<b>Polyoxyethylene sorbitan monooleate</b>	Blackberry	0.12	N/A	5.0	A
<b>Polyoxyethylene sorbitan monooleate</b>	Landscape maintenance	0.09	N/A	N/A	N/A
<b>Polyoxyethylene sorbitan trioleate</b>	Blackberry	0.78	N/A	5.0	A
<b>Polyoxyethylene sorbitan trioleate</b>	Landscape maintenance	0.61	N/A	N/A	N/A
<b>Polysorbate 65</b>	Landscape maintenance	0.91	N/A	N/A	N/A
<b>Potassium bicarbonate</b>	Cannabis (all or unspecified)	9.04	1	2.5	A
<b>Potassium bicarbonate</b>	Grape, wine	484.85	8	162.5	A
<b>Potassium hydroxide</b>	Grape, wine	0.14	1	6.22	A
<b>Potassium phosphite</b>	Grape, wine	23.93	1	7.0	A
<b>Potassium phosphite</b>	N-outdr plants in containers	12.52	1	4.0	A
<b>Prallethrin</b>	Landscape maintenance	<0.01	N/A	N/A	N/A
<b>Prallethrin</b>	Structural pest control	0.03	N/A	N/A	N/A
<b>Prodiamine</b>	Landscape maintenance	1.44	N/A	N/A	N/A
<b>Propiconazole</b>	Landscape maintenance	3.46	N/A	N/A	N/A



Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Propionic acid	Grape, wine	78.0	31	328.21	A
Propionic acid	Pear	34.24	7	226.5	A
Propionic acid	Walnut	8.92	3	47.0	A
Propylene glycol	Grape, wine	22.52	26	353.5	A
Pseudomonas chlororaphis subsp. aurantiaca strain afs009	Grape, wine	10.0	1	3.5	A
Pseudomonas fluorescens, strain a506	Pear	15.71	16	136.0	A
Pyraclostrobin	Grape, wine	52.92	17	957.33	A
Pyraflufen-ethyl	Grape, wine	4.96	54	1,130.07	A
Pyraflufen-ethyl	Pear	0.08	2	19.6	A
Pyraflufen-ethyl	Uncultivated ag	0.03	1	9.0	A
Pyraflufen-ethyl	Walnut	0.02	1	14.0	A
Pyrethrins	Grape, wine	48.77	50	921.11	A
Pyrethrins	Landscape maintenance	<0.01	N/A	N/A	N/A
Pyrethrins	Public health	0.02	N/A	N/A	N/A
Pyrethrins	Structural pest control	0.36	N/A	N/A	N/A
Pyridaben	Grape, wine	3.07	1	14.0	A
Pyridaben	Structural pest control	0.14	N/A	N/A	N/A
Pyrimethanil	Grape, wine	5.57	3	14.5	A
Pyriofenone	Grape, wine	173.0	35	1,951.99	A
Pyriproxyfen	Structural pest control	0.05	N/A	N/A	N/A
Qst 713 strain of dried bacillus subtilis	Grape, wine	34.57	1	131.95	A
Qst 713 strain of dried bacillus subtilis	Pear	15.98	10	61.0	A
Quinoxifen	Grape	0.03	1	0.5	A
Quinoxifen	Grape, wine	355.16	91	3,791.61	A
Reynoutria sachalinensis	Cannabis (all or unspecified)	36.74	61	173.33	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Reynoutria sachalinensis	Grape, wine	92.65	17	320.58	A
Reynoutria sachalinensis	Pear	1.36	2	12.5	A
Rimsulfuron	Grape, wine	34.85	86	1,042.33	A
Rimsulfuron	Landscape maintenance	0.38	N/A	N/A	N/A
Rimsulfuron	Pear	7.81	26	194.29	A
Rimsulfuron	Rights of way	0.69	N/A	N/A	N/A
Rimsulfuron	Walnut	0.65	3	14.4	A
Rotenone	Structural pest control	<0.01	N/A	N/A	N/A
Rotenone, other related	Structural pest control	<0.01	N/A	N/A	N/A
S-methoprene	Public health	0.03	N/A	N/A	N/A
S-methoprene	Structural pest control	0.01	N/A	N/A	N/A
Saflufenacil	Pear	7.78	12	177.5	A
Saflufenacil	Walnut	2.06	2	47.0	A
Sethoxydim	Grape, wine	23.27	11	88.5	A
Sethoxydim	Walnut	0.35	1	8.0	A
Silica aerogel	Public health	0.8	N/A	N/A	N/A
Silica aerogel	Structural pest control	0.12	N/A	N/A	N/A
Simazine	Pear	149.87	7	54.96	A
Sodium bromide	Water (industrial)	3.5	N/A	1.0	U
Sodium dichloro-s-triazinetriene	Water (industrial)	45.0	N/A	1.0	U
Sodium dioctylsulfosuccinate	Rights of way	<0.01	N/A	N/A	N/A
Sodium hydroxide	Forage hay/silage	0.28	1	1.0	A
Sodium hydroxide	Grape, wine	21.29	24	296.23	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>Sodium polyacrylate</b>	Water (industrial)	0.01	N/A	4.0	A
<b>Sorbitan trioleate</b>	Landscape maintenance	0.91	N/A	N/A	N/A
<b>Sorbitol</b>	Grape, wine	3.59	5	62.27	A
<b>Soybean oil</b>	Cannabis (all or unspecified)	0.54	6	28,800.0	S
<b>Soybean oil</b>	Rights of way	96.51	N/A	N/A	N/A
<b>Spinetoram</b>	Pear	10.67	6	97.5	A
<b>Spinetoram</b>	Walnut	9.3	1	17.0	A
<b>Spinosad</b>	Olive	0.01	3	13.5	A
<b>Spinosad</b>	Pear	9.33	12	125.0	A
<b>Spinosad</b>	Public health	16.0	N/A	N/A	N/A
<b>Spinosad</b>	Walnut	4.08	19	254.3	A
<b>Spirotetramat</b>	Grape, wine	5.67	1	20.0	A
<b>Streptomycin sulfate</b>	Pear	1,021.54	307	7,705.09	A
<b>Strychnine</b>	Landscape maintenance	0.04	N/A	N/A	N/A
<b>Strychnine</b>	Walnut	0.01	1	5.0	A
<b>Sulfentrazone</b>	Landscape maintenance	1.98	N/A	N/A	N/A
<b>Sulfentrazone</b>	Rights of way	3.63	N/A	N/A	N/A
<b>Sulfometuron-methyl</b>	Landscape maintenance	2.07	N/A	N/A	N/A
<b>Sulfometuron-methyl</b>	Rights of way	0.31	N/A	N/A	N/A
<b>Sulfometuron-methyl</b>	Uncultivated non-ag	0.28	1	1.5	A
<b>Sulfur</b>	Cannabis (all or unspecified)	24.0	2	11.0	A
<b>Sulfur</b>	Cannabis (all or unspecified)	N/A	7	16,800.0	S

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>Sulfur</b>	Grape, wine	287,181.46	1,054	37,476.56	A
<b>Sulfur</b>	Pear	17,919.5	66	1,469.51	A
<b>Sulfur dioxide</b>	Fumigation, other	38.0	N/A	N/A	N/A
<b>Sulfur dioxide</b>	Grape, wine	116.85	N/A	6,172.0	U
<b>Sulfuryl fluoride</b>	Structural pest control	213.57	N/A	N/A	N/A
<b>Tall oil</b>	Grape, wine	49.2	44	3,171.7	A
<b>Tall oil</b>	Pear	10.0	18	348.0	A
<b>Tall oil fatty acids</b>	Grape, wine	1,540.18	413	12,294.85	A
<b>Tall oil fatty acids</b>	Pear	86.01	30	339.03	A
<b>Tall oil fatty acids</b>	Rights of way	0.05	N/A	N/A	N/A
<b>Tall oil fatty acids</b>	Walnut	4.56	2	32.0	A
<b>Tall oil fatty acids</b>	Water (industrial)	34.77	N/A	167.3	A
<b>Tartrazine</b>	Water area	0.18	1	0.5	A
<b>Tebuconazole</b>	Grape, wine	33.33	11	326.18	A
<b>Tebuconazole</b>	Landscape maintenance	6.7	N/A	N/A	N/A
<b>Tebuconazole</b>	Pear	4.5	1	38.0	A
<b>Tetrachloroethylene</b>	Structural pest control	0.35	N/A	N/A	N/A
<b>Tetraconazole</b>	Grape, wine	36.01	35	962.05	A
<b>Tetraniliprole</b>	Landscape maintenance	0.36	1	4.0	A
<b>Thiamethoxam</b>	Structural pest control	<0.01	N/A	N/A	N/A
<b>Thiencarbazone-methyl</b>	Landscape maintenance	0.56	10	40.0	A
<b>Thiophanate-methyl</b>	Grape, wine	1,679.27	57	1,624.94	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>Thiophanate-methyl</b>	Landscape maintenance	23.37	N/A	N/A	N/A
<b>Thymol</b>	Beehive	35.9	21	1,542.0	U
<b>Trichlorofluoromethane</b>	Structural pest control	0.22	N/A	N/A	N/A
<b>Triclopyr choline</b>	Landscape maintenance	13.95	N/A	N/A	N/A
<b>Triclopyr choline</b>	Rights of way	63.51	N/A	N/A	N/A
<b>Triclopyr, butoxyethyl ester</b>	Grape, wine	4.62	1	5.0	A
<b>Triclopyr, butoxyethyl ester</b>	Landscape maintenance	42.8	N/A	N/A	N/A
<b>Triclopyr, butoxyethyl ester</b>	Rights of way	1.48	N/A	N/A	N/A
<b>Triclopyr, triethylamine salt</b>	Landscape maintenance	60.39	N/A	N/A	N/A
<b>Triclopyr, triethylamine salt</b>	Rangeland	16.85	2	8.0	A
<b>Triclopyr, triethylamine salt</b>	Rights of way	341.99	N/A	N/A	N/A
<b>Triclopyr, triethylamine salt</b>	Water (industrial)	270.28	N/A	151.73	A
<b>Triethanolamine</b>	Grape, wine	4.34	2	28.0	A
<b>Trifloxystrobin</b>	Grape, wine	15.15	10	144.2	A
<b>Trifloxystrobin</b>	Landscape maintenance	0.33	1	2.0	A
<b>Trifloxystrobin</b>	Landscape maintenance	0.33	N/A	N/A	N/A
<b>Triflumizole</b>	Grape	0.05	1	0.5	A
<b>Triflumizole</b>	Grape, wine	8.12	1	35.5	A
<b>Trinexapac-ethyl</b>	Landscape maintenance	0.22	1	2.0	A
<b>Trinexapac-ethyl</b>	Landscape maintenance	1.65	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>Triptolide</b>	Structural pest control	<0.01	N/A	N/A	N/A
<b>Urea dihydrogen sulfate</b>	Grape, wine	0.72	1	6.22	A
<b>Vinyl ester polymer</b>	Rights of way	0.01	N/A	N/A	N/A
<b>Xanthan gum</b>	Grape, wine	1.21	3	34.27	A
<b>Z-8-dodecenol</b>	Pear	0.55	26	614.5	A
<b>Z-8-dodecenyl acetate</b>	Pear	54.33	26	614.5	A
<b>Zinc phosphide</b>	Landscape maintenance	0.43	N/A	N/A	N/A
<b>Ziram</b>	Pear	5,687.62	60	1,444.82	A