

2021 Annual Statewide Pesticide Use Report Indexed by Chemical Napa 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
1,3-dichloropropene	Soil fumigation/preplant	4,023.73	1	12.2	A
2,4-d, 2-ethylhexyl ester	Landscape maintenance	22.3	N/A	N/A	N/A
2,4-d, dimethylamine salt	Landscape maintenance	0.06	N/A	N/A	N/A
2,4-d, isooctyl ester	Landscape maintenance	58.38	N/A	N/A	N/A
2,4-dp-p, isooctyl ester	Landscape maintenance	1.46	N/A	N/A	N/A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Grape, wine	19,245.42	6,778	93,892.97	A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Grape, wine	6.23	1	31.0	U
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Landscape maintenance	3.42	N/A	N/A	N/A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Olive	0.67	4	0.33	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Stone fruit	0.13	1	1.0	A
2-methyl-1-butanol	Structural pest control	0.14	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	0.83	20	81.1	A
4-aminopyridine	Structural pest control	<0.01	N/A	N/A	N/A
4-nonylphenol, formaldehyde resin, propoxylated	Grape, wine	667.25	531	7,853.46	A
5-chloro-2-methyl-4-isothiazolin-3-one	Water (industrial)	3.4	N/A	96.0	U
abamectin	Grape, wine	8.5	21	516.58	A
abamectin	Landscape maintenance	<0.01	N/A	N/A	N/A
abamectin	Rights of way	<0.01	N/A	N/A	N/A
abamectin	Structural pest control	0.02	N/A	N/A	N/A
abamectin, other related	Structural pest control	<0.01	N/A	N/A	N/A
acephate	Landscape maintenance	0.52	N/A	N/A	N/A
acephate	Structural pest control	5.0	N/A	N/A	N/A
acequinocyl	Grape, wine	9.41	1	26.69	A
acetamiprid	Grape, wine	164.47	110	1,982.19	A
acetamiprid	Landscape maintenance	0.21	N/A	N/A	N/A
acetamiprid	Structural pest control	0.28	N/A	N/A	N/A
acetic acid	Structural pest control	0.33	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
acibenzolar-s-methyl	Landscape maintenance	2.0	N/A	N/A	N/A
acibenzolar-s-methyl	Rights of way	0.02	N/A	N/A	N/A
acid blue 9, diammonium salt	Grape, wine	12.17	3	12.0	A
acid blue 9, diammonium salt	Landscape maintenance	4.65	N/A	N/A	N/A
acid blue 9, diammonium salt	Water area	23.86	N/A	210.73	A
acid blue 9, diammonium salt	Water area	4.65	N/A	2.0	U
alkyl (50% c14 , 40% c12 , 10% c16) dimethylbenzyl ammonium chloride	Grape, wine	0.04	2	5.8	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	682.91	380	3,412.9	A
alkyl (c8,c10) polyglucoside	Landscape maintenance	313.69	N/A	N/A	N/A
alkyl (c8,c10) polyglucoside	Rights of way	29.34	N/A	N/A	N/A
alkyl (c8,c10) polyglucoside	Uncultivated ag	4.38	4	13.8	A
alkyl (c8,c10) polyglucoside	Uncultivated non-ag	0.4	N/A	1.0	A
alkyl (c8,c10) polyglucoside	Water area	4.44	3	4.51	A
alkyl (c8,c10) polyglucoside	Water area	1.76	N/A	2.0	U
alkylaryl sulfonates	Grape, wine	0.06	1	18.0	A
allyloxypolyethylene glycol acetate	Grape, wine	44.0	55	1,587.96	A
alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	Grape, wine	76.31	457	7,125.13	A
alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	1.24	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Grape, wine	2,687.56	677	12,320.6	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	72.75	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Rights of way	51.92	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Structural pest control	0.66	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Uncultivated non-ag	41.65	N/A	123.7	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Wheat	119.3	3	694.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	Grape, wine	15.01	27	240.47	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	Landscape maintenance	3.75	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	Grape, wine	3.84	4	45.87	A
alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	Grape, wine	50.37	19	291.26	A
alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	Grape, wine	262.66	9	975.7	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Grape, wine	1,541.17	2,044	12,060.4	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	6.29	N/A	N/A	N/A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Olive	0.11	1	1.0	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Rights of way	0.13	N/A	N/A	N/A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Uncultivated ag	0.79	3	8.0	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Uncultivated non-ag	2.25	N/A	28.4	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Water area	0.19	N/A	1.5	A
alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	Grape, wine	1,770.19	1,047	17,635.33	A
alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	Uncultivated ag	0.27	N/A	0.5	A
alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	Uncultivated non-ag	0.26	N/A	1.0	A
alpha-alkylaryl-omega-hydroxypoly(oxyethylene)	Grape, wine	15.85	6	56.0	A
alpha-cypermethrin	Structural pest control	9.78	N/A	N/A	N/A
alpha-pinene beta-pinene copolymer	Grape, wine	1,689.34	554	8,153.52	A
alpha-pinene beta-pinene copolymer	Olive	1.64	5	6.39	A
alpha-pinene beta-pinene copolymer	Wheat	17.72	3	694.0	A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Grape, wine	31.75	20	440.4	A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Landscape maintenance	10.52	N/A	N/A	N/A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Rights of way	0.14	N/A	N/A	N/A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Water (industrial)	0.73	N/A	10.5	A
alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	Grape, wine	0.9	1	25.0	A
alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	Structural pest control	0.46	N/A	N/A	N/A
aluminum phosphide	Grape, wine	0.31	1	4.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
aluminum phosphide	Landscape maintenance	3.06	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Landscape maintenance	1.88	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Rights of way	42.49	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Uncultivated non-ag	19.49	N/A	122.0	A
amitraz	Beehive	<0.01	1	30.0	U
ammonium nitrate	Grape, wine	1,827.93	2,329	14,110.49	A
ammonium nitrate	Landscape maintenance	22.24	N/A	N/A	N/A
ammonium nitrate	Olive	0.01	1	1.0	A
ammonium nitrate	Rights of way	7.03	N/A	N/A	N/A
ammonium nitrate	Uncultivated ag	1.06	5	13.8	A
ammonium nitrate	Uncultivated non-ag	0.48	N/A	29.4	A
ammonium nitrate	Water area	2.14	3	6.01	A
ammonium nitrate	Water area	6.32	N/A	2.0	U
ammonium nonanoate	Grape, wine	1.7	1	0.4	A
ammonium nonanoate	Landscape maintenance	6.78	N/A	N/A	N/A
ammonium propionate	Grape, wine	4.32	2	41.87	A
ammonium sulfate	Grape, wine	7,630.9	2,312	14,771.22	A
ammonium sulfate	Landscape maintenance	200.49	N/A	N/A	N/A
ammonium sulfate	Olive	0.34	1	1.0	A
ammonium sulfate	Rights of way	27.31	N/A	N/A	N/A
ammonium sulfate	Uncultivated ag	37.99	9	43.58	A
ammonium sulfate	Uncultivated non-ag	7.58	N/A	29.4	A
ammonium sulfate	Water area	4.83	3	6.01	A
azadirachtin	Grape, wine	2.37	9	131.66	A
azadirachtin	Structural pest control	0.9	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
azoxystrobin	Grape, wine	295.95	107	1,477.03	A
azoxystrobin	Landscape maintenance	60.35	N/A	N/A	N/A
bacillus amyloliquefaciens strain d747	Grape, wine	204.85	4	46.26	A
bacillus amyloliquefaciens strain mbi 600	Grape, wine	0.07	1	0.61	A
bacillus pumilus, strain qst 2808	Grape, wine	927.27	1,091	9,799.31	A
bacillus pumilus, strain qst 2808	Grape, wine	0.01	1	1,000.0	U
bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins	Public health	17.85	N/A	N/A	N/A
bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	Public health	54.71	N/A	N/A	N/A
bacillus thuringiensis (berliner), subsp. kurstaki, strain sa-11	Landscape maintenance	0.58	N/A	N/A	N/A
bacillus thuringiensis, subsp. israelensis, strain am 65-52	Public health	7.64	N/A	N/A	N/A
bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	Grape, wine	86.8	34	184.66	A
beauveria bassiana strain gha	Grape, wine	16.24	6	76.3	A
beauveria bassiana strain gha	Structural pest control	0.03	N/A	N/A	N/A
benzoic acid	Grape, wine	29.46	841	6,259.09	A
benzoic acid	Landscape maintenance	0.26	N/A	N/A	N/A
benzoic acid	Rights of way	0.17	N/A	N/A	N/A
benzoic acid	Uncultivated ag	0.02	3	8.0	A
benzovindiflupyr	Grape, wine	2.23	2	36.3	A
benzovindiflupyr	Landscape maintenance	3.09	N/A	N/A	N/A
beta-conglutin	Grape, wine	544.68	91	1,147.96	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
beta-cyfluthrin	Grape, wine	6.77	13	137.42	A
beta-cyfluthrin	Landscape maintenance	0.02	N/A	N/A	N/A
beta-cyfluthrin	Structural pest control	3.72	N/A	N/A	N/A
bifenazate	Grape, wine	213.6	57	447.91	A
bifenthrin	Landscape maintenance	2.48	N/A	N/A	N/A
bifenthrin	Rights of way	0.56	N/A	N/A	N/A
bifenthrin	Structural pest control	230.79	N/A	N/A	N/A
borax	Grape, wine	0.15	1	9.0	A
borax	Rights of way	1,468.59	N/A	N/A	N/A
borax	Structural pest control	8.37	N/A	N/A	N/A
boric acid	Landscape maintenance	86.6	N/A	N/A	N/A
boric acid	Structural pest control	529.41	N/A	N/A	N/A
boscalid	Grape, wine	1,171.99	379	4,650.85	A
brodifacoum	Structural pest control	<0.01	N/A	N/A	N/A
bromacil	Landscape maintenance	2.41	N/A	N/A	N/A
bromadiolone	Structural pest control	0.02	N/A	N/A	N/A
bromethalin	Landscape maintenance	0.01	N/A	N/A	N/A
bromethalin	Structural pest control	0.29	N/A	N/A	N/A
bromethalin	Vertebrate control	<0.01	N/A	N/A	N/A
bromoxynil heptanoate	Forage hay/silage	17.21	1	50.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
bromoxynil heptanoate	Wheat	88.78	2	344.0	A
bromoxynil octanoate	Forage hay/silage	17.84	1	50.0	A
bromoxynil octanoate	Wheat	92.07	2	344.0	A
buprofezin	Grape, wine	168.89	21	252.76	A
buprofezin	Olive	1.51	1	0.75	A
burkholderia sp strain a396 cells and fermentation media	Grape, wine	1,360.19	27	312.52	A
butyl alcohol	Grape, wine	215.25	422	7,493.16	A
butyl alcohol	Landscape maintenance	1.87	N/A	N/A	N/A
butyl alcohol	Rights of way	2.68	N/A	N/A	N/A
butyl alcohol	Uncultivated non-ag	5.15	N/A	123.7	A
butyl lactate	Grape, wine	271.49	271	3,434.39	A
butyl lactate	Rights of way	6.04	N/A	N/A	N/A
cacodylic acid	Grape, wine	0.18	2	106.87	A
calcium chloride	Grape, wine	96.63	292	2,281.7	A
calcium chloride	Landscape maintenance	<0.01	N/A	N/A	N/A
calcium chloride	Rights of way	0.03	N/A	N/A	N/A
calcium chloride	Uncultivated ag	0.01	2	5.78	A
capric acid	Grape, wine	2,539.48	177	677.01	A
capric acid	Landscape maintenance	4.31	N/A	N/A	N/A
capric acid	Rights of way	1.44	N/A	N/A	N/A
caprylic acid	Grape, wine	3,725.84	177	677.01	A
caprylic acid	Landscape maintenance	6.33	N/A	N/A	N/A
caprylic acid	Rights of way	2.11	N/A	N/A	N/A
captan	Grape, wine	2.93	1	3.0	A
captan, other related	Grape, wine	0.07	1	3.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
carbaryl	Grape, wine	0.53	4	3.0	A
carbo methoxy ether cellulose, sodium salt	Grape, wine	10.03	145	2,433.21	A
carfentrazone-ethyl	Grape, wine	62.87	446	2,569.59	A
carfentrazone-ethyl	Landscape maintenance	3.96	N/A	N/A	N/A
carfentrazone-ethyl	Wheat	8.9	3	694.0	A
castor oil ethoxylate	Grape, wine	566.63	502	7,322.99	A
chlorantraniliprole	Grape, wine	2.29	2	23.28	A
chlorantraniliprole	Landscape maintenance	3.24	N/A	N/A	N/A
chlorantraniliprole	Structural pest control	5.13	N/A	N/A	N/A
chlorfenapyr	Structural pest control	6.33	N/A	N/A	N/A
chlorflurenol, methyl ester	Landscape maintenance	0.55	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
chloropicrin	Structural pest control	0.12	N/A	N/A	N/A
chlorothalonil	Landscape maintenance	1,151.58	N/A	N/A	N/A
chlorothalonil	Rights of way	22.54	N/A	N/A	N/A
chlorothalonil	Structural pest control	2.33	N/A	N/A	N/A
chlorpyrifos	Grape, wine	1.11	5	67.5	A
chlorpyrifos	Landscape maintenance	1.21	N/A	N/A	N/A
chlorsulfuron	Landscape maintenance	0.05	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
chlorsulfuron	Rights of way	0.9	N/A	N/A	N/A
chlorsulfuron	Uncultivated non-ag	0.56	1	5.5	A
cholecalciferol	Structural pest control	2.73	N/A	N/A	N/A
cholecalciferol	Vertebrate control	<0.01	N/A	N/A	N/A
chromobacterium subtsugae strain praa4-1	Grape, wine	52.45	4	58.13	A
chromobacterium subtsugae strain praa4-1	Vegetables, leafy	0.06	2	0.4	A
citric acid	Grape, wine	292.69	318	2,480.42	A
citric acid	Landscape maintenance	<0.01	N/A	N/A	N/A
citric acid	Rights of way	2.02	N/A	N/A	N/A
citric acid	Uncultivated ag	0.04	2	5.78	A
clarified hydrophobic extract of neem oil	Grape, wine	2.04	1	5.28	A
clarified hydrophobic extract of neem oil	Landscape maintenance	34.31	N/A	N/A	N/A
clarified hydrophobic extract of neem oil	N-outdr plants in containers	1.71	1	0.5	A
clethodim	Uncultivated non-ag	12.59	4	47.68	A
clopyralid, monoethanolamine salt	Landscape maintenance	22.8	N/A	N/A	N/A
clopyralid, monoethanolamine salt	Rights of way	0.46	N/A	N/A	N/A
clothianidin	Grape, wine	207.8	124	2,338.04	A
clothianidin	Landscape maintenance	0.91	N/A	N/A	N/A
clothianidin	Structural pest control	0.99	N/A	N/A	N/A
coconut diethanolamide	Grape, wine	0.18	1	25.0	A
coconut diethanolamide	Structural pest control	0.09	N/A	N/A	N/A
coconut oil amine acetate	Grape, wine	0.05	1	18.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
copper ammonium carbonate	Landscape maintenance	0.94	N/A	N/A	N/A
copper ammonium complex	Landscape maintenance	3.81	N/A	N/A	N/A
copper carbonate, basic	Rights of way	0.53	N/A	N/A	N/A
copper ethanolamine complexes, mixed	Grape, wine	1.4	1	5.0	A
copper ethanolamine complexes, mixed	Landscape maintenance	1.85	N/A	N/A	N/A
copper ethanolamine complexes, mixed	Water (industrial)	48.4	N/A	11.25	A
copper ethanolamine complexes, mixed	Water area	62.17	N/A	24.1	A
copper ethanolamine complexes, mixed	Water area	298.4	N/A	3,921.0	K
copper ethanolamine complexes, mixed	Water area	14.02	N/A	6.0	U
copper ethylenediamine complex	Water area	5.0	N/A	4.0	A
copper hydroxide	Grape, wine	1,962.52	654	8,378.95	A
copper hydroxide	Landscape maintenance	25.28	N/A	N/A	N/A
copper hydroxide	Olive	22.37	7	16.99	A
copper hydroxide	Olive	0.32	1	100.0	U
copper hydroxide	Rights of way	103.7	N/A	N/A	N/A
copper hydroxide	Stone fruit	1.07	1	1.0	A
copper hydroxide	Structural pest control	34.15	N/A	N/A	N/A
copper oxide (ous)	Apple	3.76	1	0.56	A
copper oxide (ous)	Grape, wine	4,276.99	412	4,877.27	A
copper oxide (ous)	Landscape maintenance	2.86	N/A	N/A	N/A
copper oxide (ous)	N-outdr plants in containers	2.1	1	1.0	A
copper oxide (ous)	Peach	0.89	2	0.44	A
copper oxychloride	Grape, wine	2,965.92	638	8,549.09	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
copper oxychloride	Landscape maintenance	27.75	N/A	N/A	N/A
copper oxychloride	Olive	10.09	2	10.6	A
copper oxychloride	Olive	0.36	1	100.0	U
copper oxychloride	Stone fruit	1.19	1	1.0	A
copper oxychloride	Structural pest control	36.98	N/A	N/A	N/A
copper sulfate (basic)	Grape, wine	308.28	1	223.5	A
copper sulfate (pentahydrate)	Landscape maintenance	705.39	N/A	N/A	N/A
copper sulfate (pentahydrate)	Water (industrial)	1.63	N/A	0.5	A
copper sulfate (pentahydrate)	Water area	430.95	N/A	92.25	A
coyote urine	Structural pest control	0.3	N/A	N/A	N/A
cyflufenamid	Grape, wine	488.17	1,419	19,430.63	A
cyflufenamid	Landscape maintenance	0.02	N/A	N/A	N/A
cyflumetofen	Grape, wine	93.75	54	516.68	A
cyfluthrin	Structural pest control	0.42	N/A	N/A	N/A
cypermethrin	Structural pest control	7.17	N/A	N/A	N/A
cyprodinil	Grape, wine	1,316.51	733	12,215.62	A
d-allethrin	Structural pest control	<0.01	N/A	N/A	N/A
d-allethrin, other related	Structural pest control	<0.01	N/A	N/A	N/A
d-trans allethrin	Public health	<0.01	N/A	N/A	N/A
d-trans allethrin	Structural pest control	0.01	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
deltamethrin	Landscape maintenance	<0.01	N/A	N/A	N/A
deltamethrin	Structural pest control	17.06	N/A	N/A	N/A
diatomaceous earth	Structural pest control	7.51	N/A	N/A	N/A
diazinon	Structural pest control	0.67	N/A	N/A	N/A
dicamba	Landscape maintenance	4.92	N/A	N/A	N/A
dicamba, dimethylamine salt	Landscape maintenance	3.92	N/A	N/A	N/A
didecyl dimethyl ammonium chloride	Landscape maintenance	0.38	N/A	N/A	N/A
diethylene glycol	Grape, wine	11.73	19	400.4	A
diethylene glycol	Landscape maintenance	1.85	N/A	N/A	N/A
diethylene glycol	Rights of way	<0.01	N/A	N/A	N/A
difenoconazole	Grape, wine	272.96	674	10,864.23	A
difenoconazole	Landscape maintenance	24.2	N/A	N/A	N/A
difethialone	Structural pest control	<0.01	N/A	N/A	N/A
dikegulac sodium	Landscape maintenance	10.45	N/A	N/A	N/A
dimethyl alkyl tertiary amines	Grape, wine	32.19	841	6,259.09	A
dimethyl alkyl tertiary amines	Landscape maintenance	0.28	N/A	N/A	N/A
dimethyl alkyl tertiary amines	Rights of way	0.19	N/A	N/A	N/A
dimethyl alkyl tertiary amines	Uncultivated ag	0.02	3	8.0	A
dimethyl silicone fluid emulsion	Grape, wine	53.82	1,277	6,955.86	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
dimethyl silicone fluid emulsion	Landscape maintenance	2.23	N/A	N/A	N/A
dimethylpolysiloxane	Grape, wine	267.7	610	10,813.84	A
dimethylpolysiloxane	Landscape maintenance	0.16	N/A	N/A	N/A
dimethylpolysiloxane	Rights of way	0.44	N/A	N/A	N/A
dimethylpolysiloxane	Uncultivated ag	0.01	2	21.8	A
dimethylpolysiloxane	Uncultivated non-ag	0.05	N/A	124.7	A
dimethylpolysiloxane	Water area	<0.01	3	4.51	A
dinotefuran	Fumigation, other	<0.01	N/A	N/A	N/A
dinotefuran	Grape, wine	142.1	69	859.07	A
dinotefuran	Landscape maintenance	2.41	N/A	N/A	N/A
dinotefuran	Regulatory pest control	3.2	N/A	N/A	N/A
dinotefuran	Structural pest control	74.21	N/A	N/A	N/A
dioctyl dimethyl ammonium chloride	Landscape maintenance	0.38	N/A	N/A	N/A
diphacinone	Grape, wine	0.13	10	149.25	A
diphacinone	Landscape maintenance	<0.01	N/A	N/A	N/A
diphacinone	Rights of way	<0.01	N/A	N/A	N/A
diphacinone	Structural pest control	0.26	N/A	N/A	N/A
diquat dibromide	Landscape maintenance	25.87	N/A	N/A	N/A
diquat dibromide	Uncultivated ag	1.64	2	1.8	A
diquat dibromide	Water (industrial)	54.07	N/A	7.38	A
diquat dibromide	Water area	20.51	N/A	3.09	A
disodium octaborate anhydrous	Rights of way	2.9	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
disodium octaborate tetrahydrate	Structural pest control	279.61	N/A	N/A	N/A
dithiopyr	Landscape maintenance	449.1	N/A	N/A	N/A
dithiopyr	Rights of way	98.21	N/A	N/A	N/A
dithiopyr	Structural pest control	17.99	N/A	N/A	N/A
diuron	Rights of way	24.0	N/A	N/A	N/A
dodecylbenzene sulfonic acid	Grape, wine	0.78	1	25.0	A
dodecylbenzene sulfonic acid	Structural pest control	0.4	N/A	N/A	N/A
e,e-8,10-dodecadien-1-ol	Grape, wine	0.15	3	14.75	A
edta, tetrasodium salt	Grape, wine	0.06	3	30.8	A
edta, tetrasodium salt	Structural pest control	0.02	N/A	N/A	N/A
emamectin benzoate	Landscape maintenance	1.26	N/A	N/A	N/A
emamectin benzoate	Structural pest control	0.26	N/A	N/A	N/A
emulsifiable methylated vegetable oil	Grape, wine	11.18	1	40.0	A
endothall, mono [n,n-dimethyl alkylamine] salt	Water (industrial)	7.92	N/A	3.0	A
esfenvalerate	Public health	0.01	N/A	N/A	N/A
esfenvalerate	Structural pest control	7.52	N/A	N/A	N/A
ethephon	Grape, wine	0.27	2	1.1	A
ethephon	Landscape maintenance	215.25	N/A	N/A	N/A
ethephon	Structural pest control	6.6	N/A	N/A	N/A
ethylene glycol monomethyl ether	Grape, wine	1.03	2	44.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
etofenprox	Public health	9.49	N/A	N/A	N/A
etofenprox	Structural pest control	0.82	N/A	N/A	N/A
etoxazole	Grape, wine	99.69	56	815.61	A
farnesol	Grape, wine	0.33	20	81.1	A
fatty acids, c16-c18 and c18-unsaturated, methyl esters	Water (industrial)	1.09	N/A	10.5	A
fatty acids, methyl esters	Grape, wine	9.56	3	14.1	A
fatty acids, mixed	Grape, wine	20.89	19	400.4	A
fatty acids, mixed	Rights of way	<0.01	N/A	N/A	N/A
fenarimol	Grape, wine	0.05	2	2.0	A
fenhexamid	Grape, wine	1,538.38	306	3,101.56	A
fenpropathrin	Grape, wine	115.4	14	353.42	A
fenpropathrin	Olive	0.35	1	2.25	A
fenpropathrin	Olive	1.25	3	2,700.0	U
fenpyroximate	Grape, wine	0.2	1	1.91	A
ferric sodium edta	Landscape maintenance	0.07	N/A	N/A	N/A
fipronil	Structural pest control	151.03	N/A	N/A	N/A
flazasulfuron	Grape, wine	136.59	633	4,226.97	A
fluazifop-p-butyl	Grape, wine	149.86	91	481.36	A
fluazifop-p-butyl	Landscape maintenance	5.85	N/A	N/A	N/A
fluazinam	Landscape maintenance	25.99	N/A	N/A	N/A
fluazinam	Rights of way	1.61	N/A	N/A	N/A
fludioxonil	Grape, wine	146.08	38	756.66	A
fludioxonil	Landscape maintenance	15.28	N/A	N/A	N/A
fludioxonil	Rights of way	0.3	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
flumioxazin	Grape, wine	1,487.96	864	5,923.2	A
flumioxazin	Landscape maintenance	14.11	N/A	N/A	N/A
flumioxazin	Rights of way	19.66	N/A	N/A	N/A
flumioxazin	Uncultivated ag	8.19	5	31.28	A
fluopyram	Grape, wine	1,455.64	748	14,216.28	A
fluopyram	Landscape maintenance	0.01	N/A	N/A	N/A
flupyradifurone	Grape, wine	48.84	13	374.74	A
flupyradifurone	Landscape maintenance	0.03	N/A	N/A	N/A
flurecol-methyl	Landscape maintenance	0.13	N/A	N/A	N/A
fluridone	Rights of way	1.0	N/A	N/A	N/A
fluridone	Water (industrial)	0.2	N/A	0.5	A
fluridone	Water area	0.6	N/A	1.38	A
flutianil	Grape, wine	27.06	22	1,279.87	A
flutolanil	Landscape maintenance	136.7	N/A	N/A	N/A
flutriafol	Grape, wine	586.52	352	7,326.69	A
fluxapyroxad	Grape, wine	10.79	6	108.16	A
fluxapyroxad	Landscape maintenance	9.64	N/A	N/A	N/A
forchlorfenuron	Grape, wine	0.17	6	39.94	A
fosetyl-al	Landscape maintenance	240.0	N/A	N/A	N/A
fosetyl-al	N-outdr plants in containers	1.2	1	0.5	A
fox urine	Structural pest control	0.13	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
gamma-cyhalothrin	Structural pest control	2.94	N/A	N/A	N/A
garlic	Grape, wine	0.19	1	7.0	A
geraniol	Grape, wine	0.83	20	81.1	A
glufosinate-ammonium	Grape, wine	9,731.88	1,668	10,252.62	A
glufosinate-ammonium	Landscape maintenance	271.9	N/A	N/A	N/A
glufosinate-ammonium	Olive	0.55	1	1.0	A
glufosinate-ammonium	Rights of way	119.94	N/A	N/A	N/A
glutaraldehyde	Water (industrial)	39.62	N/A	2.0	A
glutaraldehyde	Water (industrial)	895.87	N/A	7.0	U
glycerol	Grape, wine	7.72	41	685.15	A
glyphosate, dimethylamine salt	Rights of way	587.04	N/A	N/A	N/A
glyphosate, isopropylamine salt	Grape	8.2	1	2.0	A
glyphosate, isopropylamine salt	Grape, wine	2,792.17	212	1,654.05	A
glyphosate, isopropylamine salt	Landscape maintenance	813.7	N/A	N/A	N/A
glyphosate, isopropylamine salt	N-outdr plants in containers	7.06	9	45.0	A
glyphosate, isopropylamine salt	Rights of way	960.62	N/A	N/A	N/A
glyphosate, isopropylamine salt	Strawberry	1.01	1	3.5	A
glyphosate, isopropylamine salt	Structural pest control	65.03	N/A	N/A	N/A
glyphosate, isopropylamine salt	Uncultivated ag	19.78	4	11.58	A
glyphosate, isopropylamine salt	Uncultivated non-ag	7.3	1	2.5	A
glyphosate, isopropylamine salt	Water (industrial)	1.35	N/A	0.5	A
glyphosate, isopropylamine salt	Water area	20.17	3	5.61	A
glyphosate, isopropylamine salt	Water area	48.8	N/A	2.0	U
glyphosate, monoammonium salt	Rights of way	79.1	N/A	N/A	N/A
glyphosate, potassium salt	Forest, timberland	43.75	20	83.5	A
glyphosate, potassium salt	Grape, wine	21,853.84	1,455	10,223.12	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
glyphosate, potassium salt	Landscape maintenance	443.24	N/A	N/A	N/A
glyphosate, potassium salt	Olive	4.4	3	5.0	A
glyphosate, potassium salt	Rights of way	88.74	N/A	N/A	N/A
glyphosate, potassium salt	Uncultivated ag	133.12	7	57.5	A
glyphosate, potassium salt	Water area	2.76	N/A	1.5	A
heptamethyltrisiloxane ethoxylated	Grape, wine	42.71	29	324.06	A
heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	Grape, wine	47.66	83	969.9	A
heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	Rights of way	1.16	N/A	N/A	N/A
heptyl butyrate	Structural pest control	0.24	N/A	N/A	N/A
hexaflumuron	Structural pest control	<0.01	N/A	N/A	N/A
hexythiazox	Grape, wine	0.71	1	3.75	A
hydramethylnon	Structural pest control	0.04	N/A	N/A	N/A
hydrogen peroxide	Grape, wine	304.3	66	208.5	A
hydrogen peroxide	Water (industrial)	185.25	N/A	9.2	A
hydroprene	Structural pest control	1.51	N/A	N/A	N/A
imazamox, ammonium salt	Landscape maintenance	1.51	N/A	N/A	N/A
imazapic, ammonium salt	Landscape maintenance	<0.01	N/A	N/A	N/A
imazapyr, isopropylamine salt	Landscape maintenance	7.68	N/A	N/A	N/A
imazapyr, isopropylamine salt	Rights of way	48.42	N/A	N/A	N/A
imidacloprid	Grape, wine	1,704.69	342	4,926.95	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
imidacloprid	Landscape maintenance	75.8	N/A	N/A	N/A
imidacloprid	Rights of way	5.74	N/A	N/A	N/A
imidacloprid	Structural pest control	96.75	N/A	N/A	N/A
indaziflam	Grape, wine	253.06	700	5,141.94	A
indaziflam	Landscape maintenance	4.69	N/A	N/A	N/A
indaziflam	Rights of way	25.6	N/A	N/A	N/A
indole	Structural pest control	<0.01	N/A	N/A	N/A
indoxacarb	Structural pest control	5.26	N/A	N/A	N/A
iprodione	Landscape maintenance	81.45	N/A	N/A	N/A
iron phosphate	Landscape maintenance	18.28	N/A	N/A	N/A
iron phosphate	Structural pest control	0.74	N/A	N/A	N/A
isofetamid	Landscape maintenance	10.04	N/A	N/A	N/A
isooctyl phthalate	Grape, wine	1.04	2	44.0	A
isopropyl alcohol	Grape, wine	1.62	15	120.0	A
isopropyl alcohol	Structural pest control	0.12	N/A	N/A	N/A
isoxaben	Grape, wine	11.87	5	20.38	A
isoxaben	Landscape maintenance	12.65	N/A	N/A	N/A
isoxaben	Rights of way	147.09	N/A	N/A	N/A
isoxaben	Structural pest control	18.57	N/A	N/A	N/A
kaolin	Grape, wine	14,548.51	126	1,016.17	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
kaolin	Olive	100.54	9	9.47	A
kaolin	Olive	242.25	5	2,000.0	U
kresoxim-methyl	Grape, wine	202.41	139	1,527.18	A
lambda-cyhalothrin	Public health	0.01	N/A	N/A	N/A
lambda-cyhalothrin	Structural pest control	394.37	N/A	N/A	N/A
lavandulyl senecioate	Grape, wine	349.93	1,371	26,135.11	A
lavandulyl senecioate	Grape, wine	0.38	1	31.0	U
lecithin	Grape, wine	1.42	2	4.0	A
lecithin	Landscape maintenance	11.7	N/A	N/A	N/A
lecithin	Rights of way	0.26	N/A	N/A	N/A
lime-sulfur	Grape, wine	1,576.36	13	80.64	A
lime-sulfur	Peach	24.63	2	1.45	A
limonene	Grape, wine	22.38	1	1.32	A
limonene	Landscape maintenance	1.42	N/A	N/A	N/A
limonene	Structural pest control	5.38	N/A	N/A	N/A
limonene	Water (industrial)	5.47	N/A	10.5	A
malathion	Grape, wine	197.35	7	103.61	A
malathion	Structural pest control	0.13	N/A	N/A	N/A
mancozeb	Grape, wine	21.0	2	14.3	A
mancozeb	Landscape maintenance	65.44	N/A	N/A	N/A
mancozeb	Structural pest control	68.71	N/A	N/A	N/A
mcpa, isooctyl ester	Landscape maintenance	0.11	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
mcpp, dimethylamine salt	Landscape maintenance	0.05	N/A	N/A	N/A
mcpp-p, dimethylamine salt	Landscape maintenance	0.01	N/A	N/A	N/A
mecoprop-p	Landscape maintenance	12.27	N/A	N/A	N/A
mefenoxam	Landscape maintenance	2.01	N/A	N/A	N/A
mefenoxam	N-outdr plants in containers	0.15	1	0.25	A
mefenoxam, other related	Landscape maintenance	0.06	N/A	N/A	N/A
mefenoxam, other related	N-outdr plants in containers	<0.01	1	0.25	A
mesosulfuron-methyl	Wheat	4.68	1	350.0	A
metaflumizone	Grape, wine	0.18	10	194.68	A
metalaxyl	Structural pest control	0.01	N/A	N/A	N/A
metam-sodium	Rights of way	1,196.39	N/A	N/A	N/A
metam-sodium	Structural pest control	39.2	N/A	N/A	N/A
metconazole	Landscape maintenance	1.5	N/A	N/A	N/A
methoprene	Public health	25.69	N/A	N/A	N/A
methoxyfenozide	Grape, wine	6.95	3	34.5	A
methyl anthranilate	Structural pest control	1.19	N/A	N/A	N/A
methyl silicone resins	Grape, wine	197.39	60	1,454.77	A
methyl-2,7-dichloro-9-hydroxyfluorene-9-carboxylate	Landscape maintenance	0.1	N/A	N/A	N/A
methylated soybean oil	Grape, wine	2,830.14	1,152	8,412.75	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
methylated soybean oil	Landscape maintenance	166.69	N/A	N/A	N/A
methylated soybean oil	Rights of way	273.76	N/A	N/A	N/A
methylated soybean oil	Uncultivated ag	0.71	3	8.0	A
methylated soybean oil	Water area	5.26	N/A	2.0	U
metofluthrin	Structural pest control	<0.01	N/A	N/A	N/A
metrafenone	Grape, wine	3,947.12	924	13,625.52	A
mineral oil	Apple	2.96	1	0.56	A
mineral oil	Grape, wine	149,599.5	2,333	38,576.16	A
mineral oil	Landscape maintenance	524.58	N/A	N/A	N/A
mineral oil	Olive	5.87	6	7.14	A
mineral oil	Olive	45.85	4	2,800.0	U
mineral oil	Peach	31.01	3	1.14	A
mineral oil	Pepper, fruiting	0.53	1	0.1	A
mineral oil	Public health	314.0	N/A	N/A	N/A
mineral oil	Stone fruit	7.05	1	1.0	A
mineral oil	Wheat	13.29	3	694.0	A
morpholine	Grape, wine	0.45	2	44.0	A
msma	Grape, wine	2.55	2	106.87	A
msma	Landscape maintenance	0.02	N/A	N/A	N/A
muscalure	Structural pest control	0.49	N/A	N/A	N/A
myclobutanil	Grape, wine	545.24	376	5,232.75	A
myclobutanil	Landscape maintenance	0.42	N/A	N/A	N/A
myrothecium verrucaria, dried fermentation solids & solubles, strain aarc-0255	Grape, wine	5,679.05	55	578.87	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	Grape, wine	10.93	97	1,028.39	A
n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	Olive	0.07	5	6.39	A
n-octyl bicycloheptene dicarboximide	Structural pest control	18.74	N/A	N/A	N/A
naa, ammonium salt	Landscape maintenance	0.91	N/A	N/A	N/A
nerolidol	Grape, wine	0.83	20	81.1	A
nonanoic acid	Landscape maintenance	0.01	N/A	N/A	N/A
novaluron	Structural pest control	1.25	N/A	N/A	N/A
noviflumuron	Structural pest control	0.22	N/A	N/A	N/A
octyl decyl dimethyl ammonium chloride	Landscape maintenance	0.75	N/A	N/A	N/A
oleic acid	Grape, wine	2.64	14	95.0	A
oleic acid, ethyl ester	Grape, wine	3,005.42	472	6,933.94	A
oleic acid, ethyl ester	Landscape maintenance	32.15	N/A	N/A	N/A
oleic acid, ethyl ester	Rights of way	6.24	N/A	N/A	N/A
oleic acid, ethyl ester	Uncultivated non-ag	5.96	N/A	2.0	A
oleic acid, methyl ester	Grape, wine	593.9	50	1,577.96	A
oleic acid, methyl ester	Rights of way	23.58	N/A	N/A	N/A
organosilicone, poly oxyalkylene ether copolymer	Landscape maintenance	26.36	N/A	N/A	N/A
organosilicone, poly oxyalkylene ether copolymer	Structural pest control	0.02	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
oryzalin	Grape, wine	480.61	13	124.07	A
oryzalin	Landscape maintenance	18.0	N/A	N/A	N/A
oxadiazon	Landscape maintenance	0.11	N/A	N/A	N/A
oxadiazon	Rights of way	2.0	N/A	N/A	N/A
oxyfluorfen	Grape, wine	2,137.79	268	2,396.84	A
oxyfluorfen	Landscape maintenance	0.19	N/A	N/A	N/A
paclobutrazol	Landscape maintenance	17.98	N/A	N/A	N/A
paclobutrazol	Structural pest control	2.18	N/A	N/A	N/A
pcnb	Landscape maintenance	125.97	N/A	N/A	N/A
pcp, other related	Landscape maintenance	0.36	N/A	N/A	N/A
pendimethalin	Grape, wine	4,106.28	273	1,228.09	A
pendimethalin	Landscape maintenance	17.22	N/A	N/A	N/A
penoxsulam	Landscape maintenance	2.74	N/A	N/A	N/A
penoxsulam	Water area	0.16	N/A	2.8	A
pentachlorophenol	Landscape maintenance	3.17	N/A	N/A	N/A
penthiopyrad	Landscape maintenance	28.22	N/A	N/A	N/A
permethrin	Landscape maintenance	0.57	N/A	N/A	N/A
permethrin	Public health	4.55	N/A	N/A	N/A
permethrin	Structural pest control	57.76	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
peroxyacetic acid	Grape, wine	22.46	66	208.5	A
peroxyacetic acid	Water (industrial)	42.69	N/A	9.2	A
petroleum distillates	Grape, wine	1.67	1	18.0	A
petroleum distillates	Structural pest control	0.35	N/A	N/A	N/A
petroleum oil, unclassified	Landscape maintenance	380.4	N/A	N/A	N/A
phenothrin	Public health	<0.01	N/A	N/A	N/A
phenothrin	Structural pest control	0.04	N/A	N/A	N/A
phenothrin, other related	Structural pest control	<0.01	N/A	N/A	N/A
phenylethyl propionate	Structural pest control	<0.01	N/A	N/A	N/A
phosphoric acid	Grape, wine	4.43	4	106.72	A
phosphoric acid	Structural pest control	0.08	N/A	N/A	N/A
piperonyl butoxide	Landscape maintenance	<0.01	N/A	N/A	N/A
piperonyl butoxide	Public health	11.77	N/A	N/A	N/A
piperonyl butoxide	Rights of way	0.06	N/A	N/A	N/A
piperonyl butoxide	Structural pest control	115.45	N/A	N/A	N/A
piperonyl butoxide, other related	Rights of way	0.02	N/A	N/A	N/A
piperonyl butoxide, other related	Structural pest control	13.87	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	51.94	275	1,798.8	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	Water area	0.2	N/A	2.0	U
poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	Grape, wine	37.58	59	1,441.77	A
poly-i-para-menthene	Grape, wine	170.1	95	703.03	A
poly-i-para-menthene	Peach	0.06	1	0.2	A
polyacrylamide polymer	Rights of way	6.23	N/A	N/A	N/A
polyacrylamide, polyethylene glycol mixture	Rights of way	1.19	N/A	N/A	N/A
polyacrylic polymer	Grape, wine	0.33	2	41.72	A
polyalkene oxide modified heptamethyl trisiloxane	Landscape maintenance	8.29	N/A	N/A	N/A
polyalkene oxide modified heptamethyl trisiloxane	Structural pest control	0.32	N/A	N/A	N/A
polyalkyleneoxide modified polydimethyl-siloxane	Grape, wine	75.97	98	1,174.02	A
polybutenes	Grape, wine	0.09	5	5.0	A
polybutenes	Vertebrate control	1.6	N/A	N/A	N/A
polyether modified polysiloxane	Grape, wine	0.61	1	40.0	A
polyethoxylated castor oil	Grape, wine	506.4	275	1,798.8	A
polyethoxylated castor oil	Water area	1.97	N/A	2.0	U
polyethylene glycol	Grape, wine	214.1	68	1,582.73	A
polyethylene glycol diacetate	Grape, wine	4.0	55	1,587.96	A
polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	Grape, wine	36.58	21	327.26	A
polyethylene glycol stearate	Grape, wine	751.36	472	6,933.94	A
polyethylene glycol stearate	Landscape maintenance	7.67	N/A	N/A	N/A
polyethylene glycol stearate	Rights of way	0.06	N/A	N/A	N/A
polyethylene glycol stearate	Uncultivated non-ag	1.49	N/A	2.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
polymerized pinene	Landscape maintenance	22.0	N/A	N/A	N/A
polyoxin d, zinc salt	Grape, wine	48.48	50	1,141.45	A
polyoxyethylene dioleate	Landscape maintenance	0.57	N/A	N/A	N/A
polyoxyethylene dioleate	Rights of way	1.05	N/A	N/A	N/A
polyoxyethylene polyol fatty acid esters	Grape, wine	262.56	8	975.0	A
polyoxyethylene polyol fatty acid esters	Rights of way	8.94	N/A	N/A	N/A
polyoxyethylene polyoxypropylene	Rights of way	<0.01	N/A	N/A	N/A
polyoxyethylene sorbitan mixed fatty acid esters	Grape, wine	22.04	21	202.71	A
polyoxyethylene sorbitan mixed fatty acid esters	Uncultivated ag	1.84	N/A	4.0	A
polyoxyethylene sorbitan monolaurate	Grape, wine	2,387.79	271	3,434.39	A
polyoxyethylene sorbitan monooleate	Landscape maintenance	0.07	N/A	N/A	N/A
polyoxyethylene sorbitan monooleate	Rights of way	0.3	N/A	N/A	N/A
polyoxyethylene sorbitan monooleate	Wheat	31.01	3	694.0	A
polyoxyethylene soybean oil fatty acid ester	Grape, wine	3.87	1	5.0	A
polyoxyethylene soybean oil fatty acid ester	Wheat	17.72	3	694.0	A
polypropylene glycol	Grape, wine	1.4	32	471.76	A
polysorbate 65	Landscape maintenance	0.02	N/A	N/A	N/A
potash soap	Grape, wine	47.21	4	16.27	A
potash soap	Landscape maintenance	0.01	N/A	N/A	N/A
potash soap	Structural pest control	11.54	N/A	N/A	N/A
potash soap	Vegetables, leafy	0.14	1	0.2	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
potassium bicarbonate	Grape, wine	1,321.9	50	499.43	A
potassium phosphite	Landscape maintenance	1,291.51	N/A	N/A	N/A
potassium phosphite	Structural pest control	88.41	N/A	N/A	N/A
potassium silicate	Grape, wine	255.35	13	296.09	A
prallethrin	Public health	<0.01	N/A	N/A	N/A
prallethrin	Structural pest control	1.5	N/A	N/A	N/A
prodiamine	Landscape maintenance	452.72	N/A	N/A	N/A
prodiamine	Rights of way	4.55	N/A	N/A	N/A
propiconazole	Landscape maintenance	119.57	N/A	N/A	N/A
propiconazole	Rights of way	1.17	N/A	N/A	N/A
propiconazole	Structural pest control	0.69	N/A	N/A	N/A
propylene glycol	Grape, wine	17.69	32	342.96	A
propylene glycol	Landscape maintenance	7.66	N/A	N/A	N/A
propylene glycol	Structural pest control	0.11	N/A	N/A	N/A
putrescent whole egg solids	Structural pest control	0.01	N/A	N/A	N/A
pydiflumetofen	Grape, wine	48.07	17	403.33	A
pyraclostrobin	Grape, wine	606.08	385	4,759.01	A
pyraclostrobin	Landscape maintenance	22.67	N/A	N/A	N/A
pyraflufen-ethyl	Grape, wine	1.8	62	662.12	A
pyraflufen-ethyl	Uncultivated ag	<0.01	1	1.5	A
pyrethrins	Grape, wine	77.88	169	2,069.67	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
pyrethrins	Landscape maintenance	<0.01	N/A	N/A	N/A
pyrethrins	Public health	1.72	N/A	N/A	N/A
pyrethrins	Rights of way	0.01	N/A	N/A	N/A
pyrethrins	Structural pest control	26.73	N/A	N/A	N/A
pyrethrins	Vegetables, leafy	<0.01	1	0.2	A
pyrimethanil	Grape, wine	185.73	16	658.36	A
pyriofenone	Grape, wine	1,031.83	656	10,949.04	A
pyriproxyfen	Landscape maintenance	0.4	N/A	N/A	N/A
pyriproxyfen	Public health	<0.01	N/A	N/A	N/A
pyriproxyfen	Structural pest control	2.43	N/A	N/A	N/A
qst 713 strain of dried bacillus subtilis	Grape, wine	1,449.4	673	6,736.17	A
qst 713 strain of dried bacillus subtilis	Grape, wine	0.05	1	1,000.0	U
quillaja	Grape, wine	405.45	203	3,335.2	A
quillaja	Olive	0.15	1	0.5	A
quinclorac, dimethylamine salt	Landscape maintenance	71.0	N/A	N/A	N/A
quinoxifen	Grape, wine	1,975.59	1,237	20,133.25	A
quinoxifen	Landscape maintenance	1.79	N/A	N/A	N/A
resmethrin	Grape, wine	0.22	5	67.5	A
reynoutria sachalinensis	Grape, wine	925.45	570	4,449.67	A
reynoutria sachalinensis	Grape, wine	0.04	1	1,000.0	U
rimsulfuron	Grape, wine	85.11	354	2,148.08	A
rimsulfuron	Landscape maintenance	0.01	N/A	N/A	N/A
rimsulfuron	Uncultivated ag	0.25	2	8.0	A
s-methoprene	Public health	262.65	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
s-methoprene	Structural pest control	0.04	N/A	N/A	N/A
sethoxydim	Grape, wine	56.03	51	212.11	A
silica aerogel	Public health	8.25	N/A	N/A	N/A
silica aerogel	Rights of way	0.3	N/A	N/A	N/A
silica aerogel	Structural pest control	6.93	N/A	N/A	N/A
silica filled polydimethylsiloxane	Grape, wine	2.93	302	3,893.15	A
silicone	Grape, wine	0.68	54	678.86	A
silicone defoamer	Grape, wine	0.02	1	25.0	A
silicone defoamer	Structural pest control	0.01	N/A	N/A	N/A
simazine	Grape, wine	182.11	4	101.8	A
sodium bromide	Water (industrial)	408.79	N/A	151.0	U
sodium cacodylate	Grape, wine	1.03	2	106.87	A
sodium carbonate peroxyhydrate	Water (industrial)	640.05	N/A	95.75	A
sodium carbonate peroxyhydrate	Water area	17,807.5	N/A	131.6	A
sodium decyl sulfate	Structural pest control	0.72	N/A	N/A	N/A
sodium dichloro-s-triazinetrione	Water area	6.0	N/A	0.1	A
sodium diisooctylsulfosuccinate	Grape, wine	0.14	2	44.0	A
sodium dioctylsulfosuccinate	Grape, wine	1.65	12	51.0	A
sodium dioctylsulfosuccinate	Rights of way	<0.01	N/A	N/A	N/A
sodium hypochlorite	Grape, wine	6.56	5	88.0	A
sodium hypochlorite	Water (industrial)	294.38	N/A	152.0	U
sodium hypochlorite	Water systems - human potable/drinking	53.38	N/A	1.0	U
sodium lauroampho acetate	Structural pest control	0.54	N/A	N/A	N/A
sodium lauryl ether sulfate	Grape, wine	1.31	2	18.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
sodium lauryl sulfate	Structural pest control	0.37	N/A	N/A	N/A
sodium metabisulfite	Grape, wine	2.89	1	11.0	A
sodium metasilicate	Grape, wine	0.04	2	5.8	A
sodium polyacrylate	Grape, wine	0.11	2	41.87	A
sodium tetraborate (pentahydrate)	Structural pest control	4.44	N/A	N/A	N/A
sodium xylene sulfonate	Grape, wine	0.24	1	25.0	A
sodium xylene sulfonate	Structural pest control	0.12	N/A	N/A	N/A
sorbitan trioleate	Landscape maintenance	0.02	N/A	N/A	N/A
sorbitol	Grape, wine	7.72	41	685.15	A
spinosad	Grape, wine	2.18	17	63.02	A
spinosad	Grape, wine	<0.01	3	425.0	U
spinosad	Landscape maintenance	0.13	N/A	N/A	N/A
spinosad	Olive	0.57	380	638.84	A
spinosad	Olive	0.04	47	6,283.18	U
spinosad	Public health	126.64	N/A	N/A	N/A
spirotetramat	Grape, wine	1,702.7	834	14,317.57	A
strychnine	Landscape maintenance	<0.01	N/A	N/A	N/A
sugar	Grape, wine	0.19	1	18.0	A
sugar	Structural pest control	0.02	N/A	N/A	N/A
sulfaquinoxaline	Structural pest control	<0.01	N/A	N/A	N/A
sulfentrazone	Landscape maintenance	10.68	N/A	N/A	N/A
sulfentrazone	Rights of way	17.99	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
sulfometuron-methyl	Landscape maintenance	16.69	N/A	N/A	N/A
sulfometuron-methyl	Rights of way	23.77	N/A	N/A	N/A
sulfometuron-methyl	Uncultivated non-ag	0.38	1	1.5	A
sulfoxaflor	Grape, wine	132.34	52	1,561.99	A
sulfur	Grape, wine	715,583.96	8,609	134,014.48	A
sulfur	Grape, wine	0.35	1	1,000.0	U
sulfur	Landscape maintenance	1.26	N/A	N/A	N/A
sulfur	Olive	0.8	1	1.0	A
sulfur dioxide	Commodity fumigation	367.05	N/A	N/A	N/A
sulfur dioxide	Food processing plant	570.0	N/A	467,000.0	C
sulfur dioxide	Fumigation, other	15,471.01	N/A	N/A	N/A
sulfur dioxide	Grape	7.13	N/A	172.0	U
sulfur dioxide	Grape, wine	0.1	N/A	0.01	P
sulfur dioxide	Grape, wine	27.82	N/A	1,880.0	U
sulfur dioxide	Regulatory pest control	17.82	N/A	N/A	N/A
sulfuryl fluoride	Structural pest control	1,294.41	N/A	N/A	N/A
tall oil	Grape, wine	5.31	5	315.0	A
tall oil fatty acids	Grape, wine	567.12	440	4,409.92	A
tall oil fatty acids	Landscape maintenance	2.25	N/A	N/A	N/A
tall oil fatty acids	Olive	0.02	5	6.39	A
tall oil fatty acids	Rights of way	0.24	N/A	N/A	N/A
tall oil fatty acids	Water area	1.37	N/A	2.0	U
tall oil fatty acids	Wheat	8.86	3	694.0	A
tartrazine	Grape, wine	1.0	3	12.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
tartrazine	Landscape maintenance	0.38	N/A	N/A	N/A
tartrazine	Water area	1.97	N/A	210.73	A
tartrazine	Water area	0.38	N/A	2.0	U
tau-fluvalinate	Landscape maintenance	0.01	N/A	N/A	N/A
tebuconazole	Grape, wine	1,426.94	702	13,882.4	A
tebuconazole	Landscape maintenance	165.45	N/A	N/A	N/A
tetraconazole	Grape, wine	357.7	672	9,493.71	A
tetraconazole	Landscape maintenance	0.01	N/A	N/A	N/A
tetramethrin	Structural pest control	0.03	N/A	N/A	N/A
tetrapotassium pyrophosphate	Grape, wine	0.12	1	25.0	A
tetrapotassium pyrophosphate	Structural pest control	0.06	N/A	N/A	N/A
thiamethoxam	Grape, wine	524.41	219	5,038.82	A
thiamethoxam	Structural pest control	<0.01	N/A	N/A	N/A
thiophanate-methyl	Grape, wine	1,328.71	180	1,743.36	A
thiophanate-methyl	Landscape maintenance	30.92	N/A	N/A	N/A
thiophanate-methyl	Structural pest control	6.72	N/A	N/A	N/A
thyme oil	Structural pest control	<0.01	N/A	N/A	N/A
topramezone	Landscape maintenance	2.45	N/A	N/A	N/A
triadimefon	Landscape maintenance	9.95	N/A	N/A	N/A
trichloro-s-triazinetrione	Water area	35.64	N/A	0.8	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
trichoderma icc 012 asperellum	Grape, wine	9.35	58	484.31	A
trichoderma icc 012 asperellum	Landscape maintenance	<0.01	N/A	N/A	N/A
trichoderma icc 080 gamsii	Grape, wine	9.35	58	484.31	A
trichoderma icc 080 gamsii	Landscape maintenance	<0.01	N/A	N/A	N/A
triclopyr choline	Landscape maintenance	2.62	N/A	N/A	N/A
triclopyr choline	Rights of way	49.09	N/A	N/A	N/A
triclopyr choline	Uncultivated ag	22.32	N/A	4.5	A
triclopyr, butoxyethyl ester	Landscape maintenance	55.78	N/A	N/A	N/A
triclopyr, butoxyethyl ester	N-grnhs flower	<0.01	N/A	8.5	S
triclopyr, butoxyethyl ester	Rights of way	44.42	N/A	N/A	N/A
triclopyr, butoxyethyl ester	Uncultivated non-ag	29.98	N/A	16.0	A
triclopyr, triethylamine salt	Landscape maintenance	0.02	N/A	N/A	N/A
triclopyr, triethylamine salt	Rights of way	79.67	N/A	N/A	N/A
triclopyr, triethylamine salt	Water area	1.84	N/A	2.0	A
triethanolamine	Grape, wine	0.31	1	25.0	A
triethanolamine	Structural pest control	0.16	N/A	N/A	N/A
trifloxystrobin	Grape, wine	390.04	294	4,169.59	A
trifloxystrobin	Landscape maintenance	2.31	N/A	N/A	N/A
triflumizole	Grape, wine	36.02	50	157.7	A
trifluralin	Landscape maintenance	0.46	N/A	N/A	N/A
trimethylamine	Structural pest control	<0.01	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
trinexapac-ethyl	Landscape maintenance	85.68	N/A	N/A	N/A
vinyl ester polymer	Rights of way	0.05	N/A	N/A	N/A
warfarin	Structural pest control	<0.01	N/A	N/A	N/A
xanthan gum	Grape, wine	7.71	41	685.15	A
yeast	Structural pest control	<0.01	N/A	N/A	N/A
yucca schidigera	Grape, wine	0.58	1	7.0	A
z,e-9,12-tetradecadien-1-yl acetate	Structural pest control	<0.01	N/A	N/A	N/A
zinc phosphide	Landscape maintenance	0.16	N/A	N/A	N/A
ziram	Peach	3.04	1	1.0	A