

2019 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 non-agricultural pesticide use reports are not legally required to report area treated or number of applications. N-outdoor = Outdoor nursery. N-grnhs = Greenhouse nursery. See Pesticide Use Annual Report Data Access, References, and Definitions Guide for more information.

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
abamectin	Grape, wine	5.07	37	296.07	A
abamectin	Landscape maintenance	<0.01	N/A	N/A	N/A
abamectin	Structural pest control	0.04	N/A	N/A	N/A
abamectin, other related	Structural pest control	<0.01	N/A	N/A	N/A
acephate	Landscape maintenance	0.26	N/A	N/A	N/A
acephate	Structural pest control	3.86	N/A	N/A	N/A
acetamiprid	Grape, wine	142.68	226	2,115.49	A
acetamiprid	Landscape maintenance	0.44	N/A	N/A	N/A
acetamiprid	Structural pest control	0.02	N/A	N/A	N/A
acetic acid	Structural pest control	1.08	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
acibenzolar-s-methyl	Landscape maintenance	1.41	N/A	N/A	N/A
acid blue 9, diammonium salt	Water area	23.26	2	164.1	A
acid blue 9, diammonium salt	Water area	48.26	N/A	1,409.0	C
acid blue 9, diammonium salt	Water area	<0.01	N/A	35.0	S
acid blue 9, diammonium salt	Water area	10.8	N/A	1,522,731.0	U
alachlor	Rights of way	0.41	N/A	N/A	N/A
alpha-alkylaryl-omega-hydroxypoly(oxyethylene)	Grape, wine	6.66	3	16.0	A
alkyl benzene sulfonic acid	Grape, wine	5.66	7	56.0	A
alkyl (50%c14, 40%c12, 10%c16) dimethylbenzyl ammonium chloride	Structural pest control	<0.01	N/A	N/A	N/A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Grape, wine	4,205.16	8,507	36,880.72	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	11.74	N/A	N/A	N/A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Rights of way	9.02	N/A	N/A	N/A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Uncultivated ag	4.8	4	29.07	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Uncultivated non-ag	1.7	N/A	9.8	A
alpha-alkyl (c10-c14)-omega-hydroxypoly(oxyethylene)	Grape, wine	0.8	1	3.5	A
alpha-alkyl (c12-c16)-omega-hydroxypoly(oxyethylene)	Grape, wine	0.1	1	3.5	A
alpha-alkyl (c6-c14)-omega-hydroxypoly(oxyethylene) poly(oxypropylene)	Grape, wine	0.31	1	3.0	A
alpha-pinene beta-pinene copolymer	Grape, wine	855.97	592	4,931.3	A
alpha-pinene beta-pinene copolymer	Landscape maintenance	0.52	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
alpha-pinene beta-pinene copolymer	Olive	4.38	14	5.65	A
alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	0.09	N/A	N/A	N/A
alkyl (c8,c10) polyglucoside	Grape, wine	657.21	423	2,539.87	A
alkyl (c8,c10) polyglucoside	Landscape maintenance	200.5	N/A	N/A	N/A
alkyl (c8,c10) polyglucoside	Pastureland	1.22	3	190.4	A
alkyl (c8,c10) polyglucoside	Rights of way	28.89	N/A	N/A	N/A
alkyl (c8,c10) polyglucoside	Structural pest control	1.08	N/A	N/A	N/A
d-trans allethrin	Public health	<0.01	N/A	N/A	N/A
d-trans allethrin	Rights of way	<0.01	N/A	N/A	N/A
d-trans allethrin	Structural pest control	0.07	N/A	N/A	N/A
allyloxypolyethylene glycol acetate	Grape, wine	52.47	256	2,345.6	A
allyloxypolyethylene glycol acetate	Rights of way	0.04	N/A	N/A	N/A
aluminum phosphide	Grape, wine	0.35	2	8.0	A
aminocyclopyrachlor	Rights of way	13.36	N/A	N/A	N/A
aminocyclopyrachlor, potassium salt	Rights of way	0.79	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Landscape maintenance	2.71	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Rights of way	10.83	N/A	N/A	N/A
4-aminopyridine	Structural pest control	<0.01	N/A	N/A	N/A
amitraz	Beehive	0.01	2	40.0	U
ammonium nonanoate	Landscape maintenance	6.9	N/A	N/A	N/A
ammonium nitrate	Grape, wine	1,788.9	4,285	15,994.78	A
ammonium nitrate	Landscape maintenance	12.8	N/A	N/A	N/A
ammonium nitrate	Pastureland	4.38	3	190.4	A
ammonium nitrate	Rights of way	3.71	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
ammonium nitrate	Structural pest control	0.53	N/A	N/A	N/A
ammonium nitrate	Uncultivated ag	0.62	4	29.07	A
ammonium propionate	Grape, wine	26.63	34	456.98	A
ammonium sulfate	Grape, wine	8,863.34	4,387	18,323.54	A
ammonium sulfate	Landscape maintenance	59.95	N/A	N/A	N/A
ammonium sulfate	Rights of way	69.2	N/A	N/A	N/A
ammonium sulfate	Structural pest control	1.04	N/A	N/A	N/A
ammonium sulfate	Uncultivated ag	73.62	16	62.35	A
ammonium sulfate	Uncultivated non-ag	18.48	N/A	9.8	A
ammonium sulfate	Wheat	73.48	1	380.0	A
aureobasidium pullulans strain dsm 14940	Grape, wine	15.05	4	75.26	A
aureobasidium pullulans strain dsm 14941	Grape, wine	15.05	4	75.26	A
azadirachtin	Landscape maintenance	0.09	N/A	N/A	N/A
azadirachtin	Structural pest control	0.88	N/A	N/A	N/A
azoxystrobin	Grape, wine	845.1	510	4,260.01	A
azoxystrobin	Landscape maintenance	47.43	N/A	N/A	N/A
bacillus amyloliquefaciens strain d747	Landscape maintenance	0.66	N/A	N/A	N/A
bacillus pumilus, strain qst 2808	Grape, wine	1,586.83	2,525	15,582.21	A
bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins	Public health	10.87	N/A	N/A	N/A
bacillus amyloliquefaciens strain mbi 600	Grape, wine	0.68	1	12.4	A
bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	Public health	2,777.3	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
bacillus thuringiensis, subsp. israelensis, strain am 65-52	Public health	27.35	N/A	N/A	N/A
bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	Grape, wine	373.07	111	490.89	A
bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	Landscape maintenance	0.27	N/A	N/A	N/A
bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	Plum	0.03	1	0.2	A
bacillus thuringiensis (berliner), subsp. kurstaki strain sa-12	Landscape maintenance	0.71	N/A	N/A	N/A
benzoic acid	Barley	0.09	1	23.0	A
benzoic acid	Grape, wine	32.91	1,631	6,691.03	A
benzoic acid	Landscape maintenance	0.54	N/A	N/A	N/A
benzoic acid	Pastureland	1.08	3	190.4	A
benzoic acid	Rights of way	0.75	N/A	N/A	N/A
benzoic acid	Uncultivated ag	0.03	1	3.07	A
beta-conglutin	Grape, wine	55.13	6	116.71	A
bifenazate	Grape, wine	324.9	137	680.34	A
bifenazate	Landscape maintenance	0.02	N/A	N/A	N/A
bifenthrin	Landscape maintenance	2,246.1	N/A	N/A	N/A
bifenthrin	Rights of way	0.85	N/A	N/A	N/A
bifenthrin	Structural pest control	71.54	N/A	N/A	N/A
n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	Grape, wine	27.57	236	3,486.46	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	Landscape maintenance	0.02	N/A	N/A	N/A
n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	Olive	0.19	14	5.65	A
borax	Grape, wine	1.06	7	29.54	A
borax	Landscape maintenance	<0.01	N/A	N/A	N/A
borax	Rights of way	37.22	N/A	N/A	N/A
borax	Structural pest control	1.59	N/A	N/A	N/A
boric acid	Structural pest control	627.1	N/A	N/A	N/A
boscalid	Grape, wine	2,192.22	1,289	8,323.74	A
boscalid	Uncultivated ag	0.18	1	0.95	A
brodifacoum	Structural pest control	<0.01	N/A	N/A	N/A
bromacil	Landscape maintenance	5.93	N/A	N/A	N/A
bromacil	Rights of way	2.4	N/A	N/A	N/A
bromadiolone	Landscape maintenance	0.01	N/A	N/A	N/A
bromadiolone	Structural pest control	0.3	N/A	N/A	N/A
bromethalin	Landscape maintenance	0.02	N/A	N/A	N/A
bromethalin	Structural pest control	0.01	N/A	N/A	N/A
bromoxynil heptanoate	Barley	5.16	1	23.0	A
bromoxynil octanoate	Barley	5.35	1	23.0	A
buprofezin	Grape, wine	955.04	354	1,540.38	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
burkholderia sp strain a396 cells and fermentation media	Grape, wine	3,674.52	38	730.11	A
butyl alcohol	Barley	0.08	1	23.0	A
butyl alcohol	Grape, wine	426.46	1,147	13,725.3	A
butyl alcohol	Landscape maintenance	2.51	N/A	N/A	N/A
butyl alcohol	Rights of way	10.02	N/A	N/A	N/A
butyl alcohol	Uncultivated ag	1.62	3	43.6	A
butyl alcohol	Water area	0.06	N/A	3.61	A
butyl alcohol	Water area	0.45	N/A	1.0	U
butyl lactate	Grape, wine	15.35	12	57.3	A
butyl lactate	Rights of way	22.2	N/A	N/A	N/A
calcium chloride	Grape, wine	56.88	587	2,372.11	A
calcium chloride	Rights of way	1.14	N/A	N/A	N/A
calcium chloride	Uncultivated ag	0.13	9	24.42	A
calcium hypochlorite	Grape, wine	37.25	16	108.8	A
canola oil	Landscape maintenance	4.16	N/A	N/A	N/A
capric acid	Grape, wine	381.79	20	172.64	A
capric acid	Rights of way	11.25	N/A	N/A	N/A
caprylic acid	Grape, wine	560.75	20	172.64	A
caprylic acid	Rights of way	16.52	N/A	N/A	N/A
carbaryl	Grape, wine	0.45	4	3.0	A
carbaryl	Landscape maintenance	0.18	N/A	N/A	N/A
carbaryl	Structural pest control	0.13	N/A	N/A	N/A
carbo methoxy ether cellulose, sodium salt	Grape, wine	36.76	909	8,821.79	A
carfentrazone-ethyl	Grape, wine	62.08	1,077	3,634.1	A
carfentrazone-ethyl	Landscape maintenance	1.5	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
carfentrazone-ethyl	Regulatory pest control	<0.01	N/A	N/A	N/A
carfentrazone-ethyl	Uncultivated ag	0.05	1	3.07	A
castor oil ethoxylate	Grape, wine	646.45	789	7,366.12	A
castor oil ethoxylate	Uncultivated ag	0.19	3	2.85	A
chlorantraniliprole	Grape, wine	18.3	6	186.12	A
chlorantraniliprole	Landscape maintenance	8.96	N/A	N/A	N/A
chlorantraniliprole	Structural pest control	6.17	N/A	N/A	N/A
chlorfenapyr	Structural pest control	15.48	N/A	N/A	N/A
5-chloro-2-methyl-4-isothiazolin-3-one	Water (industrial)	3.4	N/A	96.0	U
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	0.36	N/A	N/A	N/A
chlorothalonil	Landscape maintenance	1,026.6	N/A	N/A	N/A
chlorothalonil	Structural pest control	1.7	N/A	N/A	N/A
chlorpyrifos	Landscape maintenance	0.21	N/A	N/A	N/A
chlorsulfuron	Landscape maintenance	0.02	N/A	N/A	N/A
chlorsulfuron	Rights of way	1.69	N/A	N/A	N/A
cholecalciferol	Structural pest control	0.66	N/A	N/A	N/A
chromobacterium subtsugae strain praa4-1	Grape, wine	77.16	26	95.49	A
chromobacterium subtsugae strain praa4-1	Tomato	0.06	1	0.1	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
chromobacterium subtsugae strain praa4-1	Vegetables, leafy	0.04	2	0.1	A
citric acid	Grape, wine	179.49	632	3,002.25	A
citric acid	Rights of way	3.18	N/A	N/A	N/A
citric acid	Uncultivated ag	0.36	9	24.42	A
clarified hydrophobic extract of neem oil	Landscape maintenance	33.48	N/A	N/A	N/A
clarified hydrophobic extract of neem oil	N-outdr plants in containers	6.4	3	6.0	A
clethodim	Rights of way	9.58	N/A	N/A	N/A
clopyralid, monoethanolamine salt	Landscape maintenance	4.35	N/A	N/A	N/A
clopyralid, monoethanolamine salt	Rights of way	63.29	N/A	N/A	N/A
clothianidin	Grape, wine	155.63	340	1,578.4	A
clothianidin	Landscape maintenance	2.57	N/A	N/A	N/A
clothianidin	Structural pest control	0.34	N/A	N/A	N/A
coconut diethanolamide	Grape, wine	6.88	15	160.53	A
coconut diethanolamide	Structural pest control	0.07	N/A	N/A	N/A
copper	Landscape maintenance	178.16	N/A	N/A	N/A
copper ammonium carbonate	Landscape maintenance	0.31	N/A	N/A	N/A
copper ammonium complex	Landscape maintenance	6.15	N/A	N/A	N/A
copper diammonium diacetate complex	Landscape maintenance	1.07	N/A	N/A	N/A
copper ethanolamine complexes, mixed	Grape, wine	14.02	N/A	2.0	A
copper ethanolamine complexes, mixed	Landscape maintenance	2.9	N/A	N/A	N/A
copper ethanolamine complexes, mixed	Water (industrial)	233.72	N/A	52.75	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
copper ethanolamine complexes, mixed	Water area	614.76	3	254.5	A
copper ethanolamine complexes, mixed	Water area	216.75	N/A	212,599.28	C
copper ethanolamine complexes, mixed	Water area	143.81	N/A	2,609,835.0	U
copper hydroxide	Grape, wine	2,268.44	1,722	10,268.59	A
copper hydroxide	Landscape maintenance	11.83	N/A	N/A	N/A
copper hydroxide	Olive	4.55	1	5.3	A
copper hydroxide	Peach	0.09	1	0.2	A
copper hydroxide	Rights of way	2.65	N/A	N/A	N/A
copper hydroxide	Structural pest control	25.23	N/A	N/A	N/A
copper octanoate	Cherry	0.09	2	0.14	A
copper octanoate	Nectarine	0.08	2	0.12	A
copper octanoate	Peach	0.39	2	0.65	A
copper octanoate	Pear	0.1	3	0.38	A
copper octanoate	Plum	0.12	2	0.17	A
copper octanoate	Tomato	0.01	1	0.1	A
copper octanoate	Vegetable	0.02	1	0.03	A
copper oxide (ous)	Apple	2.74	3	1.07	A
copper oxide (ous)	Apricot	0.44	1	0.11	A
copper oxide (ous)	Grape, wine	4,396.69	954	5,125.36	A
copper oxide (ous)	Landscape maintenance	4.23	N/A	N/A	N/A
copper oxide (ous)	N-outdr plants in containers	1.68	1	1.0	A
copper oxide (ous)	Nectarine	1.24	2	0.16	A
copper oxide (ous)	Olive	20.14	1	2.0	A
copper oxide (ous)	Peach	2.83	4	1.03	A
copper oxide (ous)	Pear	0.28	2	0.35	A
copper oxide (ous)	Plum	0.23	1	0.04	A
copper oxychloride	Grape, wine	3,468.32	1,735	10,575.87	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
copper oxychloride	Landscape maintenance	11.62	N/A	N/A	N/A
copper oxychloride	Olive	5.05	1	5.3	A
copper oxychloride	Peach	0.1	1	0.2	A
copper oxychloride	Structural pest control	27.63	N/A	N/A	N/A
copper sulfate (basic)	Grape, wine	405.77	30	349.03	A
copper sulfate (pentahydrate)	Grape, wine	0.73	2	12.0	A
copper sulfate (pentahydrate)	Public health	594.0	N/A	N/A	N/A
copper sulfate (pentahydrate)	Rights of way	1,677.08	N/A	N/A	N/A
copper sulfate (pentahydrate)	Water area	1,553.98	5	142.86	A
copper sulfate (pentahydrate)	Water area	21.41	N/A	3.0	U
coyote urine	Landscape maintenance	0.49	N/A	N/A	N/A
cyazofamid	Landscape maintenance	2.2	N/A	N/A	N/A
cyflufenamid	Grape, wine	519.94	3,306	22,101.27	A
cyflufenamid	Uncultivated ag	0.02	1	0.95	A
cyflumetofen	Grape, wine	41.63	81	240.04	A
cyfluthrin	Grape, wine	0.59	4	12.22	A
cyfluthrin	Landscape maintenance	0.04	N/A	N/A	N/A
cyfluthrin	Structural pest control	0.14	N/A	N/A	N/A
beta-cyfluthrin	Landscape maintenance	0.28	N/A	N/A	N/A
beta-cyfluthrin	Structural pest control	10.19	N/A	N/A	N/A
cypermethrin	Rights of way	1.23	N/A	N/A	N/A
cypermethrin	Structural pest control	9.21	N/A	N/A	N/A
cyprodinil	Grape, wine	3,709.73	2,173	19,082.67	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
2,4-d, alkanolamine salts (ethanol and isopropanol amines)	Landscape maintenance	3.65	N/A	N/A	N/A
2,4-d, dimethylamine salt	Landscape maintenance	1.15	N/A	N/A	N/A
2,4-d, dimethylamine salt	Oat	14.87	2	17.0	A
2,4-d, 2-ethylhexyl ester	Landscape maintenance	25.32	N/A	N/A	N/A
2,4-d, 2-ethylhexyl ester	Regulatory pest control	0.04	N/A	N/A	N/A
2,4-d, isooctyl ester	Landscape maintenance	35.57	N/A	N/A	N/A
dazomet	Grape, wine	5.94	1	1.26	A
deltamethrin	Structural pest control	34.85	N/A	N/A	N/A
diatomaceous earth	Structural pest control	4.78	N/A	N/A	N/A
diazinon	Structural pest control	<0.01	N/A	N/A	N/A
dicamba	Landscape maintenance	3.29	N/A	N/A	N/A
dicamba	Regulatory pest control	<0.01	N/A	N/A	N/A
dicamba, dimethylamine salt	Landscape maintenance	2.81	N/A	N/A	N/A
dichlobenil	Rights of way	0.65	N/A	N/A	N/A
1,3-dichloropropene	Soil fumigation/preplant	7,966.46	1	24.0	A
dicloran	Grape, wine	1.44	1	8.2	A
didecyl dimethyl ammonium chloride	Structural pest control	<0.01	N/A	N/A	N/A
diethylene glycol	Grape, wine	67.09	207	1,149.08	A
diethylene glycol	Landscape maintenance	1.25	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
diethylene glycol	Rights of way	0.43	N/A	N/A	N/A
diethylene glycol	Wheat	4.45	1	380.0	A
difenoconazole	Grape, wine	847.57	1,794	15,813.03	A
difenoconazole	Landscape maintenance	9.77	N/A	N/A	N/A
difethialone	Structural pest control	0.02	N/A	N/A	N/A
diflubenzuron	Structural pest control	<0.01	N/A	N/A	N/A
dikegulac sodium	Landscape maintenance	3.93	N/A	N/A	N/A
dimethoate	Grape, wine	2.49	1	1.0	A
dimethyl alkyl tertiary amines	Barley	0.09	1	23.0	A
dimethyl alkyl tertiary amines	Grape, wine	35.94	1,631	6,691.03	A
dimethyl alkyl tertiary amines	Landscape maintenance	0.59	N/A	N/A	N/A
dimethyl alkyl tertiary amines	Pastureland	1.18	3	190.4	A
dimethyl alkyl tertiary amines	Rights of way	0.82	N/A	N/A	N/A
dimethyl alkyl tertiary amines	Uncultivated ag	0.04	1	3.07	A
3,7-dimethyl-6-octen-1-ol	Grape, wine	0.78	26	81.3	A
dimethylpolysiloxane	Barley	<0.01	1	23.0	A
dimethylpolysiloxane	Grape, wine	37.16	2,526	24,722.52	A
dimethylpolysiloxane	Landscape maintenance	1.49	N/A	N/A	N/A
dimethylpolysiloxane	Rights of way	0.34	N/A	N/A	N/A
dimethylpolysiloxane	Structural pest control	<0.01	N/A	N/A	N/A
dimethylpolysiloxane	Uncultivated ag	0.02	3	43.6	A
dimethylpolysiloxane	Uncultivated non-ag	0.01	N/A	9.8	A
dimethylpolysiloxane	Water area	<0.01	N/A	3.61	A
dimethylpolysiloxane	Water area	<0.01	N/A	1.0	U
dimethylpolysiloxane	Wheat	0.1	1	380.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
dimethyl silicone fluid emulsion	Apple	<0.01	1	0.56	A
dimethyl silicone fluid emulsion	Grape, wine	33.71	473	5,621.07	A
dinotefuran	Grape, wine	192.42	111	1,452.88	A
dinotefuran	Landscape maintenance	0.1	N/A	N/A	N/A
dinotefuran	Structural pest control	49.06	N/A	N/A	N/A
diphacinone	Grape, wine	0.07	5	353.0	A
diphacinone	Landscape maintenance	0.02	N/A	N/A	N/A
diphacinone	Rights of way	<0.01	N/A	N/A	N/A
diphacinone	Structural pest control	0.02	N/A	N/A	N/A
diphacinone, sodium salt	Structural pest control	<0.01	N/A	N/A	N/A
diquat dibromide	Landscape maintenance	29.28	N/A	N/A	N/A
diquat dibromide	Rights of way	5.59	N/A	N/A	N/A
diquat dibromide	Water (industrial)	87.63	N/A	11.75	A
diquat dibromide	Water area	39.16	2	56.0	A
diquat dibromide	Water area	6.98	N/A	15.0	U
disodium octaborate anhydrous	Rights of way	0.91	N/A	N/A	N/A
disodium octaborate tetrahydrate	Grape, wine	15.33	6	132.71	A
disodium octaborate tetrahydrate	Structural pest control	327.87	N/A	N/A	N/A
disulfoton	Landscape maintenance	1.4	N/A	N/A	N/A
dithiopyr	Landscape maintenance	41.42	N/A	N/A	N/A
dithiopyr	Rights of way	31.25	N/A	N/A	N/A
dithiopyr	Structural pest control	13.18	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
diuron	Rights of way	103.2	N/A	N/A	N/A
dodecylbenzene sulfonic acid	Grape, wine	29.81	15	160.53	A
dodecylbenzene sulfonic acid	Rights of way	0.04	N/A	N/A	N/A
dodecylbenzene sulfonic acid	Structural pest control	0.29	N/A	N/A	N/A
alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	Grape, wine	29.38	501	2,971.78	A
alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	3.1	N/A	N/A	N/A
edta, tetrasodium salt	Grape, wine	1.83	15	160.53	A
edta, tetrasodium salt	Structural pest control	0.02	N/A	N/A	N/A
emamectin benzoate	Landscape maintenance	0.18	N/A	N/A	N/A
emamectin benzoate	Structural pest control	0.01	N/A	N/A	N/A
emulsifiable methylated vegetable oil	Grape, wine	3.02	12	57.7	A
endothall, dipotassium salt	Water (industrial)	1.06	N/A	0.25	A
endothall, mono [n,n-dimethyl alkylamine] salt	Water (industrial)	14.71	N/A	6.0	A
esfenvalerate	Landscape maintenance	0.9	N/A	N/A	N/A
esfenvalerate	Public health	0.07	N/A	N/A	N/A
esfenvalerate	Structural pest control	6.39	N/A	N/A	N/A
ethephon	Grape, wine	1.49	1	0.9	A
ethephon	Landscape maintenance	193.58	N/A	N/A	N/A
ethephon	Structural pest control	2.66	N/A	N/A	N/A
etofenprox	Public health	14.24	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
etofenprox	Structural pest control	0.74	N/A	N/A	N/A
2-ethylhexyl sulfate, sodium salt	Grape, wine	16.66	7	56.0	A
etoxazole	Grape, wine	76.76	102	601.95	A
farnesol	Grape, wine	0.31	26	81.3	A
fatty acids, methyl esters	Grape, wine	115.21	7	122.8	A
fatty acids, mixed	Grape, wine	120.52	209	1,180.08	A
fatty acids, mixed	Rights of way	0.77	N/A	N/A	N/A
fatty acids, mixed	Wheat	7.93	1	380.0	A
fatty acids, c16-c18 and c18-unsaturated, methyl esters	Grape, wine	11.41	28	48.49	A
fatty acids, c16-c18 and c18-unsaturated, methyl esters	Water (industrial)	2.43	N/A	25.25	A
fatty acids derived from tallow	Landscape maintenance	0.04	N/A	N/A	N/A
fenarimol	Grape, wine	0.05	3	2.25	A
fenhexamid	Grape, wine	3,062.71	839	6,391.7	A
fenpropathrin	Grape, wine	9.81	5	55.95	A
fenpropathrin	Olive	1.73	3	2,700.0	U
fipronil	Landscape maintenance	1.78	N/A	N/A	N/A
fipronil	Rights of way	<0.01	N/A	N/A	N/A
fipronil	Structural pest control	130.42	N/A	N/A	N/A
flazasulfuron	Grape, wine	113.36	1,083	4,453.91	A
fluazifop-p-butyl	Grape, wine	135.68	87	401.27	A
fluazifop-p-butyl	Landscape maintenance	4.0	N/A	N/A	N/A
fluazinam	Landscape maintenance	9.23	N/A	N/A	N/A
fludioxonil	Grape, wine	398.27	138	1,861.98	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
fludioxonil	Landscape maintenance	8.05	N/A	N/A	N/A
flumioxazin	Grape, wine	2,160.5	1,608	10,320.16	A
flumioxazin	Landscape maintenance	0.51	N/A	N/A	N/A
flumioxazin	Rights of way	26.99	N/A	N/A	N/A
flumioxazin	Uncultivated ag	1.59	5	8.52	A
flumioxazin	Water (industrial)	0.12	N/A	0.5	A
flumioxazin	Water area	<0.01	N/A	0.01	A
fluopyram	Grape, wine	1,852.65	2,509	17,468.86	A
flupyradifurone	Grape, wine	43.48	61	321.03	A
fluridone	Water (industrial)	0.3	N/A	0.75	A
fluridone	Water area	1.4	N/A	4.58	A
fluridone	Water area	1.33	N/A	532,760.39	C
flutolanil	Landscape maintenance	106.05	N/A	N/A	N/A
flutriafol	Grape, wine	854.06	1,145	9,128.06	A
flutriafol	Uncultivated ag	0.08	1	0.95	A
fluxapyroxad	Landscape maintenance	2.68	N/A	N/A	N/A
forchlorfenuron	Grape, wine	0.22	9	53.0	A
formic acid	Beehive	0.31	1	30.0	U
fosetyl-al	Landscape maintenance	140.8	N/A	N/A	N/A
fosetyl-al	N-outdr plants in containers	1.8	2	5.5	A
fox urine	Landscape maintenance	0.21	N/A	N/A	N/A
gamma-cyhalothrin	Structural pest control	375.48	N/A	N/A	N/A
garlic	Grape, wine	1.69	9	91.5	A
geraniol	Grape, wine	0.78	26	81.3	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
glufosinate-ammonium	Grape, wine	6,435.39	1,988	7,757.04	A
glufosinate-ammonium	Landscape maintenance	68.48	N/A	N/A	N/A
glufosinate-ammonium	Rights of way	89.54	N/A	N/A	N/A
glufosinate-ammonium	Structural pest control	0.19	N/A	N/A	N/A
glufosinate-ammonium	Uncultivated ag	0.51	1	0.36	A
glutaraldehyde	Structural pest control	249.83	N/A	N/A	N/A
glutaraldehyde	Water (industrial)	539.29	N/A	2.0	A
glycerol	Grape, wine	40.69	34	174.18	A
glyphosate, dimethylamine salt	Landscape maintenance	10.24	N/A	N/A	N/A
glyphosate, dimethylamine salt	Rights of way	271.68	N/A	N/A	N/A
glyphosate, isopropylamine salt	Grape, wine	5,291.54	852	3,040.09	A
glyphosate, isopropylamine salt	Landscape maintenance	973.86	N/A	N/A	N/A
glyphosate, isopropylamine salt	N-outdr plants in containers	13.1	20	100.0	A
glyphosate, isopropylamine salt	Rights of way	1,105.58	N/A	N/A	N/A
glyphosate, isopropylamine salt	Strawberry	1.01	1	3.5	A
glyphosate, isopropylamine salt	Structural pest control	801.23	N/A	N/A	N/A
glyphosate, isopropylamine salt	Uncultivated ag	50.77	13	36.88	A
glyphosate, isopropylamine salt	Water (industrial)	2.7	N/A	1.0	A
glyphosate, isopropylamine salt	Water area	1.58	N/A	3.62	A
glyphosate, monoammonium salt	Landscape maintenance	13.03	N/A	N/A	N/A
glyphosate, potassium salt	Grape, wine	32,297.01	3,258	17,348.1	A
glyphosate, potassium salt	Landscape maintenance	1,036.02	N/A	N/A	N/A
glyphosate, potassium salt	Pastureland	361.07	3	190.4	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
glyphosate, potassium salt	Regulatory pest control	0.86	N/A	N/A	N/A
glyphosate, potassium salt	Rights of way	357.26	N/A	N/A	N/A
glyphosate, potassium salt	Uncultivated ag	101.9	5	53.32	A
glyphosate, potassium salt	Uncultivated non-ag	27.03	N/A	9.8	A
halosulfuron-methyl	Landscape maintenance	12.59	N/A	N/A	N/A
heptamethyltrisiloxane ethoxylated	Grape, wine	1.45	2	17.5	A
heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	Grape, wine	20.89	49	1,053.3	A
heptyl butyrate	Structural pest control	0.96	N/A	N/A	N/A
hydramethylnon	Structural pest control	0.07	N/A	N/A	N/A
hydrogen peroxide	Grape, wine	9,274.55	1,078	4,415.51	A
hydrogen peroxide	Water (industrial)	105.82	N/A	5.25	A
hydrogen peroxide	Water area	74.7	N/A	6.0	A
hydroprene	Structural pest control	5.92	N/A	N/A	N/A
hydrotreated paraffinic solvent	Grape, wine	32.71	101	789.62	A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Grape, wine	21,881.4	15,203	101,879.27	A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Landscape maintenance	0.07	N/A	N/A	N/A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Olive	8.46	18	6.52	A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Rights of way	0.78	N/A	N/A	N/A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Uncultivated ag	0.27	2	1.9	A
imazamox, ammonium salt	Landscape maintenance	1.07	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
imazamox, ammonium salt	Water area	0.4	N/A	1.2	A
imazapic, ammonium salt	Landscape maintenance	0.05	N/A	N/A	N/A
imazapyr, isopropylamine salt	Landscape maintenance	0.08	N/A	N/A	N/A
imazapyr, isopropylamine salt	Rights of way	29.8	N/A	N/A	N/A
imazapyr, isopropylamine salt	Water area	0.22	N/A	2.0	A
imidacloprid	Grape, wine	1,513.7	833	6,351.5	A
imidacloprid	Landscape maintenance	28.85	N/A	N/A	N/A
imidacloprid	Structural pest control	45.84	N/A	N/A	N/A
indaziflam	Grape, wine	195.74	1,224	5,062.89	A
indaziflam	Landscape maintenance	9.98	N/A	N/A	N/A
indaziflam	Rights of way	9.03	N/A	N/A	N/A
indoxacarb	Structural pest control	7.94	N/A	N/A	N/A
iprodione	Landscape maintenance	98.22	N/A	N/A	N/A
iron phosphate	Grape, wine	<0.01	1	2.39	A
iron phosphate	Landscape maintenance	33.18	N/A	N/A	N/A
iron phosphate	Structural pest control	0.02	N/A	N/A	N/A
alpha-isodecyl-omega-hydroxypoly(oxyethylene)	Grape, wine	6.85	28	48.49	A
isofetamid	Landscape maintenance	11.16	N/A	N/A	N/A
isopropyl alcohol	Grape, wine	10.14	33	247.53	A
isopropyl alcohol	Rights of way	0.02	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
isopropyl alcohol	Structural pest control	1.88	N/A	N/A	N/A
isoxaben	Grape, wine	30.88	43	52.46	A
isoxaben	Landscape maintenance	26.38	N/A	N/A	N/A
isoxaben	Rights of way	4.0	N/A	N/A	N/A
isoxaben	Structural pest control	140.29	N/A	N/A	N/A
kaolin	Grape, wine	37,731.27	459	5,807.19	A
kaolin	Olive	1,048.21	56	25.43	A
kaolin	Olive	97.38	4	1,875.0	U
kaolin	Pear	16.15	2	0.44	A
kresoxim-methyl	Grape, wine	159.53	66	1,280.26	A
lactic acid	Grape, wine	1.28	7	56.0	A
lambda-cyhalothrin	Structural pest control	2.69	N/A	N/A	N/A
lavandulyl senecioate	Grape, wine	1,986.47	2,798	16,711.01	A
lecithin	Grape, wine	18.96	58	87.34	A
lecithin	Landscape maintenance	29.71	N/A	N/A	N/A
lecithin	Rights of way	33.35	N/A	N/A	N/A
lignin sulfonic acid, copper salt	Landscape maintenance	0.21	N/A	N/A	N/A
lime-sulfur	Grape, wine	7,378.12	66	339.09	A
lime-sulfur	Peach	21.52	2	2.0	A
limonene	Landscape maintenance	0.37	N/A	N/A	N/A
limonene	Structural pest control	391.29	N/A	N/A	N/A
limonene	Water (industrial)	12.15	N/A	25.25	A
malathion	Grape, wine	194.9	6	81.51	A
mancozeb	Grape, wine	40.01	4	23.5	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
mancozeb	Landscape maintenance	47.63	N/A	N/A	N/A
mancozeb	N-outdr plants in containers	0.75	1	0.5	A
mancozeb	Structural pest control	70.48	N/A	N/A	N/A
mcpa, isooctyl ester	Landscape maintenance	0.02	N/A	N/A	N/A
mcpp, dimethylamine salt	Landscape maintenance	<0.01	N/A	N/A	N/A
mcpp, potassium salt	Landscape maintenance	0.22	N/A	N/A	N/A
mcpp-p, dimethylamine salt	Landscape maintenance	0.02	N/A	N/A	N/A
mecoprop-p	Landscape maintenance	8.98	N/A	N/A	N/A
mecoprop-p	Regulatory pest control	0.01	N/A	N/A	N/A
mefenoxam	Landscape maintenance	1.94	N/A	N/A	N/A
mefenoxam	N-outdr plants in containers	0.1	1	1.0	A
mefenoxam, other related	Landscape maintenance	0.05	N/A	N/A	N/A
mefenoxam, other related	N-outdr plants in containers	<0.01	1	1.0	A
mesosulfuron-methyl	Wheat	5.08	1	380.0	A
meta-cresol	Grape, wine	0.03	1	50.0	A
metalaxyl	N-outdr plants in containers	0.02	1	0.5	A
metaldehyde	Landscape maintenance	0.01	N/A	N/A	N/A
metam-sodium	Rights of way	39.45	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
metconazole	Landscape maintenance	1.5	N/A	N/A	N/A
methoprene	Public health	0.17	N/A	N/A	N/A
methoprene	Structural pest control	0.01	N/A	N/A	N/A
s-methoprene	Public health	926.01	N/A	N/A	N/A
s-methoprene	Structural pest control	0.02	N/A	N/A	N/A
methoxyfenozide	Grape, wine	213.0	166	792.33	A
methyl anthranilate	Structural pest control	0.1	N/A	N/A	N/A
methylated soybean oil	Barley	3.26	1	23.0	A
methylated soybean oil	Grape, wine	2,537.85	2,009	8,182.33	A
methylated soybean oil	Landscape maintenance	72.3	N/A	N/A	N/A
methylated soybean oil	Pastureland	45.04	6	380.8	A
methylated soybean oil	Rights of way	98.62	N/A	N/A	N/A
methylated soybean oil	Uncultivated ag	1.71	2	3.43	A
2-methyl-1-butanol	Structural pest control	0.46	N/A	N/A	N/A
2-methyl-4-isothiazolin-3-one	Water (industrial)	1.19	N/A	96.0	U
methyl silicone resins	Grape, wine	<0.01	5	3.44	A
metofluthrin	Structural pest control	<0.01	N/A	N/A	N/A
metrafenone	Grape, wine	4,480.03	2,462	15,594.0	A
mineral oil	Apple	5.03	3	1.07	A
mineral oil	Apricot	1.1	1	0.11	A
mineral oil	Grape, wine	145,139.3	4,713	33,663.51	A
mineral oil	Landscape maintenance	261.26	N/A	N/A	N/A
mineral oil	N-outdr plants in containers	8.01	3	5.5	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
mineral oil	Nectarine	2.82	2	0.16	A
mineral oil	Olive	1.54	14	5.65	A
mineral oil	Olive	42.32	3	2,700.0	U
mineral oil	Peach	56.25	6	2.99	A
mineral oil	Pear	0.55	1	0.11	A
mineral oil	Plum	2.2	2	0.17	A
mineral oil	Rights of way	9.31	N/A	N/A	N/A
mineral oil	Structural pest control	73.37	N/A	N/A	N/A
mineral oil	Uncultivated ag	0.06	1	3.07	A
modified phthalic glycerol alkyd resin	Grape, wine	0.05	7	1.52	A
molasses	Grape, wine	3.02	2	4.0	A
msma	Landscape maintenance	6.44	N/A	N/A	N/A
muscalure	Structural pest control	0.02	N/A	N/A	N/A
myclobutanil	Grape, wine	763.12	815	7,632.31	A
myclobutanil	Landscape maintenance	0.04	N/A	N/A	N/A
myrothecium verrucaria, dried fermentation solids & solubles, strain aarc-0255	Grape, wine	5,776.63	212	1,249.49	A
naa, ammonium salt	Landscape maintenance	1.28	N/A	N/A	N/A
nerolidol	Grape, wine	0.78	26	81.3	A
nonanoic acid	Landscape maintenance	0.27	N/A	N/A	N/A
nonanoic acid, other related	Landscape maintenance	0.01	N/A	N/A	N/A
4-nonylphenol, formaldehyde resin, propoxylated	Grape, wine	946.45	1,130	9,784.5	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
4-nonylphenol, formaldehyde resin, propoxylated	Uncultivated ag	0.21	3	2.85	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Barley	0.62	1	23.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Grape, wine	4,267.08	2,501	27,198.51	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	54.43	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Rights of way	89.19	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Structural pest control	3.19	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Uncultivated ag	13.12	3	43.6	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Uncultivated non-ag	0.2	N/A	3.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Water area	0.46	N/A	3.61	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Water area	3.67	N/A	1.0	U
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Wheat	11.6	1	380.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	Grape, wine	107.35	229	961.81	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	Grape, wine	76.08	124	630.13	A
novaluron	Structural pest control	0.29	N/A	N/A	N/A
noviflumuron	Structural pest control	0.26	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
n-octyl bicycloheptene dicarboximide	Landscape maintenance	0.02	N/A	N/A	N/A
n-octyl bicycloheptene dicarboximide	Structural pest control	8.5	N/A	N/A	N/A
alpha-octylphenyl-omega-hydroxypoly(oxyethylene)	Grape, wine	2.6	1	28.4	A
oleic acid	Grape, wine	1.28	15	54.0	A
oleic acid, ethyl ester	Grape, wine	2,744.46	404	6,988.4	A
oleic acid, ethyl ester	Landscape maintenance	6.15	N/A	N/A	N/A
oleic acid, methyl ester	Grape, wine	692.91	236	2,214.82	A
oleic acid, methyl ester	Rights of way	0.56	N/A	N/A	N/A
oryzalin	Grape, wine	903.58	112	387.66	A
oryzalin	Landscape maintenance	113.09	N/A	N/A	N/A
oryzalin	Rights of way	41.6	N/A	N/A	N/A
oxadiazon	Landscape maintenance	4.16	N/A	N/A	N/A
oxyfluorfen	Grape, wine	3,069.27	601	3,191.76	A
oxyfluorfen	Rights of way	59.77	N/A	N/A	N/A
oxyfluorfen	Uncultivated ag	2.57	7	25.51	A
oxytetracycline hydrochloride	Landscape maintenance	0.23	N/A	N/A	N/A
paclobutrazol	Landscape maintenance	2.39	N/A	N/A	N/A
pcnb	Landscape maintenance	115.47	N/A	N/A	N/A
pcp, other related	Landscape maintenance	0.87	N/A	N/A	N/A
pendimethalin	Grape, wine	6,055.16	299	2,437.32	A
pendimethalin	Landscape maintenance	70.96	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
pendimethalin	Rights of way	311.65	N/A	N/A	N/A
penoxsulam	Landscape maintenance	0.35	N/A	N/A	N/A
penoxsulam	Rights of way	0.41	N/A	N/A	N/A
penoxsulam	Water area	0.5	N/A	7.44	A
pentachlorophenol	Landscape maintenance	7.77	N/A	N/A	N/A
penthioopyrad	Landscape maintenance	22.63	N/A	N/A	N/A
permethrin	Landscape maintenance	16.03	N/A	N/A	N/A
permethrin	Public health	5.23	N/A	N/A	N/A
permethrin	Structural pest control	17.09	N/A	N/A	N/A
permethrin, other related	Landscape maintenance	<0.01	N/A	N/A	N/A
permethrin, other related	Structural pest control	<0.01	N/A	N/A	N/A
peroxyacetic acid	Grape, wine	534.87	569	3,452.45	A
peroxyacetic acid	Water (industrial)	7.81	N/A	5.25	A
peroxyacetic acid	Water area	5.51	N/A	6.0	A
petroleum distillates	Structural pest control	0.18	N/A	N/A	N/A
petroleum distillates, aromatic	Grape, wine	26.61	5	43.32	A
petroleum distillates, refined	Grape, wine	10,933.37	184	2,160.15	A
petroleum distillates, refined	Landscape maintenance	21.62	N/A	N/A	N/A
petroleum distillates, refined	Public health	20,855.77	N/A	N/A	N/A
petroleum hydrocarbons	Grape, wine	44.52	2	254.62	A
petroleum oil, unclassified	Grape, wine	99.8	4	21.0	A
petroleum oil, unclassified	Landscape maintenance	933.99	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
petroleum oil, unclassified	Structural pest control	0.01	N/A	N/A	N/A
phenothrin	Public health	<0.01	N/A	N/A	N/A
phenothrin	Rights of way	<0.01	N/A	N/A	N/A
phenothrin	Structural pest control	0.12	N/A	N/A	N/A
phenylethyl propionate	Structural pest control	<0.01	N/A	N/A	N/A
phosphoric acid	Grape, wine	10.96	33	343.92	A
phosphoric acid	Rights of way	0.15	N/A	N/A	N/A
phosphoric acid	Structural pest control	0.06	N/A	N/A	N/A
piperonyl butoxide	Landscape maintenance	0.32	N/A	N/A	N/A
piperonyl butoxide	Public health	15.44	N/A	N/A	N/A
piperonyl butoxide	Rights of way	0.03	N/A	N/A	N/A
piperonyl butoxide	Structural pest control	144.4	N/A	N/A	N/A
piperonyl butoxide, other related	Landscape maintenance	0.08	N/A	N/A	N/A
piperonyl butoxide, other related	Public health	0.57	N/A	N/A	N/A
piperonyl butoxide, other related	Rights of way	0.01	N/A	N/A	N/A
piperonyl butoxide, other related	Structural pest control	20.29	N/A	N/A	N/A
polyacrylamide, polyethylene glycol mixture	Rights of way	0.67	N/A	N/A	N/A
polyacrylamide polymer	Grape, wine	1.59	6	125.69	A
polyalkene oxide modified heptamethyl trisiloxane	Grape, wine	1.63	10	36.43	A
polyalkene oxide modified heptamethyl trisiloxane	Landscape maintenance	8.76	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
polyalkene oxide modified heptamethyl trisiloxane	Structural pest control	1.62	N/A	N/A	N/A
polyalkyleneoxide modified polydimethyl-siloxane	Grape, wine	2.12	1	3.5	A
polyether modified polysiloxane	Grape, wine	312.49	71	2,314.11	A
polyethoxylated castor oil	Grape, wine	466.19	314	1,415.46	A
polyethoxylated castor oil	Pastureland	1.37	3	190.4	A
polyethylene glycol	Grape, wine	92.3	65	1,697.64	A
polyethylene glycol	Uncultivated non-ag	0.05	N/A	3.0	A
polyethylene glycol diacetate	Grape, wine	4.77	256	2,345.6	A
polyethylene glycol diacetate	Rights of way	<0.01	N/A	N/A	N/A
polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	Grape, wine	582.67	671	5,653.83	A
polyethylene glycol stearate	Grape, wine	686.11	404	6,988.4	A
poly-i-para-menthene	Grape, wine	28.07	13	261.72	A
polymerized pinene	Grape, wine	320.28	140	1,483.62	A
polymerized pinene	Landscape maintenance	55.01	N/A	N/A	N/A
polyoxin d, zinc salt	Grape, wine	101.31	364	2,463.58	A
polyoxin d, zinc salt	Landscape maintenance	2.17	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	47.0	286	1,366.97	A
poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	Pastureland	0.14	3	190.4	A
polyoxyethylene dioleate	Landscape maintenance	1.08	N/A	N/A	N/A
poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	Grape, wine	0.17	4	18.0	A
polyoxyethylene sorbitan monolaurate	Grape, wine	134.99	12	57.3	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
polyoxyethylene sorbitan monolaurate	Rights of way	195.26	N/A	N/A	N/A
polyoxyethylene sorbitan monooleate	Landscape maintenance	0.31	N/A	N/A	N/A
polyoxyethylene soybean oil fatty acid ester	Grape, wine	49.99	2	45.0	A
potash soap	Grape, wine	15.59	3	19.99	A
potash soap	Landscape maintenance	0.97	N/A	N/A	N/A
potassium bicarbonate	Grape, wine	34,436.36	1,753	11,538.71	A
potassium bicarbonate	N-outdr plants in containers	1.91	2	5.25	A
potassium peroxymonosulfate	Grape, wine	0.07	1	1.5	A
potassium phosphite	Landscape maintenance	1,477.35	N/A	N/A	N/A
potassium phosphite	Structural pest control	140.45	N/A	N/A	N/A
potassium silicate	Grape, wine	341.51	16	371.58	A
prallethrin	Structural pest control	0.52	N/A	N/A	N/A
prodiamine	Landscape maintenance	920.89	N/A	N/A	N/A
propamocarb	Landscape maintenance	16.75	N/A	N/A	N/A
propetamphos	Structural pest control	0.03	N/A	N/A	N/A
propiconazole	Landscape maintenance	109.91	N/A	N/A	N/A
propionic acid	Grape, wine	0.43	1	6.0	A
propylene glycol	Grape, wine	294.89	688	5,672.24	A
propylene glycol	Landscape maintenance	4.17	N/A	N/A	N/A
propylene glycol	Structural pest control	0.54	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
pyraclostrobin	Grape, wine	1,113.51	1,289	8,323.74	A
pyraclostrobin	Landscape maintenance	8.54	N/A	N/A	N/A
pyraclostrobin	Uncultivated ag	0.09	1	0.95	A
pyraflufen-ethyl	Grape, wine	2.28	65	872.16	A
pyrethrins	Grape, wine	48.33	147	1,146.61	A
pyrethrins	Landscape maintenance	0.07	N/A	N/A	N/A
pyrethrins	Plum	0.02	7	0.91	A
pyrethrins	Public health	3.99	N/A	N/A	N/A
pyrethrins	Rights of way	<0.01	N/A	N/A	N/A
pyrethrins	Structural pest control	31.55	N/A	N/A	N/A
pyrethrins	Vegetable	<0.01	1	0.03	A
pyrethrins	Vegetables, leafy	0.01	1	0.1	A
pyrimethanil	Grape, wine	237.53	114	1,036.61	A
pyriofenone	Grape, wine	1,379.22	1,113	8,376.12	A
pyriproxyfen	Landscape maintenance	0.62	N/A	N/A	N/A
pyriproxyfen	Structural pest control	0.75	N/A	N/A	N/A
pyroxsulam	Grape, wine	0.13	1	10.0	A
qst 713 strain of dried bacillus subtilis	Grape, wine	3,886.07	2,160	14,530.97	A
qst 713 strain of dried bacillus subtilis	Landscape maintenance	<0.01	N/A	N/A	N/A
quillaja	Grape, wine	827.89	997	9,998.94	A
quinclorac	Landscape maintenance	0.51	N/A	N/A	N/A
quinclorac, dimethylamine salt	Landscape maintenance	70.45	N/A	N/A	N/A
quinoxifen	Grape, wine	2,780.84	3,712	28,935.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
quinoxifen	Landscape maintenance	0.04	N/A	N/A	N/A
resmethrin	Landscape maintenance	0.02	N/A	N/A	N/A
reynoutria sachalinensis	Grape, wine	2,025.78	1,511	9,991.34	A
rimsulfuron	Grape, wine	48.12	352	1,419.62	A
rimsulfuron	Rights of way	0.33	N/A	N/A	N/A
sethoxydim	Grape, wine	14.69	13	68.4	A
sethoxydim	Uncultivated ag	0.14	1	0.36	A
silica aerogel	Public health	8.08	N/A	N/A	N/A
silica aerogel	Rights of way	0.15	N/A	N/A	N/A
silica aerogel	Structural pest control	178.24	N/A	N/A	N/A
silicone	Grape, wine	2.67	71	389.86	A
silicone defoamer	Grape, wine	0.78	15	160.53	A
silicone defoamer	Structural pest control	0.01	N/A	N/A	N/A
silica filled polydimethylsiloxane	Grape, wine	4.21	49	642.22	A
silica filled polydimethylsiloxane	Rights of way	0.11	N/A	N/A	N/A
simazine	Grape, wine	324.41	11	226.39	A
sodium bromide	Water (industrial)	348.68	N/A	7.0	A
sodium bromide	Water (industrial)	0.39	N/A	144.0	U
sodium carbonate peroxyhydrate	Water (industrial)	251.6	N/A	31.5	A
sodium carbonate peroxyhydrate	Water area	760.75	N/A	8.17	A
sodium carbonate peroxyhydrate	Water area	340.0	N/A	45,000.0	S
sodium decyl sulfate	Structural pest control	0.4	N/A	N/A	N/A
sodium dioctylsulfosuccinate	Grape, wine	1.79	15	54.0	A
sodium hydroxide	Grape, wine	9.41	13	181.69	A
sodium hypochlorite	Grape, wine	11.26	14	126.52	A
sodium hypochlorite	Water (industrial)	240.26	N/A	7.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
sodium hypochlorite	Water (industrial)	0.29	N/A	144.0	U
sodium hypochlorite	Water systems - human potable/drinking	1.91	N/A	1.0	A
sodium lauroampho acetate	Structural pest control	0.3	N/A	N/A	N/A
sodium lauryl sulfate	Structural pest control	0.21	N/A	N/A	N/A
sodium polyacrylate	Grape, wine	0.67	34	456.98	A
sodium tetraborate (pentahydrate)	Structural pest control	1.94	N/A	N/A	N/A
sodium xylene sulfonate	Grape, wine	9.17	15	160.53	A
sodium xylene sulfonate	Structural pest control	0.09	N/A	N/A	N/A
spinosad	Grape, wine	1.12	40	98.68	A
spinosad	Landscape maintenance	0.84	N/A	N/A	N/A
spinosad	Olive	0.63	434	732.67	A
spinosad	Olive	0.37	131	25,476.0	U
spinosad	Public health	2.02	N/A	N/A	N/A
spinosad	Rights of way	0.01	N/A	N/A	N/A
spirotetramat	Grape, wine	1,515.92	1,309	13,215.96	A
streptomyces lydicus wyec 108	Grape, wine	0.01	7	67.6	A
strychnine	Grape, wine	0.13	1	50.0	A
styrene butadiene copolymer	Grape, wine	2.23	5	18.41	A
sulfaquinoxaline	Structural pest control	<0.01	N/A	N/A	N/A
sulfentrazone	Landscape maintenance	3.92	N/A	N/A	N/A
sulfentrazone	Rights of way	0.54	N/A	N/A	N/A
sulfometuron-methyl	Landscape maintenance	7.29	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
sulfometuron-methyl	Rights of way	17.11	N/A	N/A	N/A
sulfur	Grape, wine	1,036,139.53	21,099	180,080.93	A
sulfur	Nectarine	1.28	2	0.14	A
sulfur	Peach	8.16	4	1.07	A
sulfur	Plum	1.28	4	0.16	A
sulfur	Uncultivated ag	4.62	2	1.9	A
sulfur dioxide	Commodity fumigation	500.12	N/A	N/A	N/A
sulfur dioxide	Food processing plant	64.0	N/A	9,650.0	C
sulfur dioxide	Fumigation, other	14,434.24	N/A	N/A	N/A
sulfur dioxide	Grape, wine	1.98	N/A	84.0	C
sulfur dioxide	Grape, wine	22.02	N/A	191.0	U
sulfuryl fluoride	Structural pest control	2,680.33	N/A	N/A	N/A
tall oil	Grape, wine	21.76	103	834.62	A
tall oil fatty acids	Grape, wine	425.75	619	6,605.64	A
tall oil fatty acids	Landscape maintenance	2.33	N/A	N/A	N/A
tall oil fatty acids	Olive	0.06	14	5.65	A
tall oil fatty acids	Pastureland	0.95	3	190.4	A
tall oil fatty acids	Rights of way	0.82	N/A	N/A	N/A
tall oil fatty acids	Uncultivated ag	0.11	1	0.36	A
tall oil fatty acids	Uncultivated non-ag	0.05	N/A	3.0	A
tartrazine	Water area	1.92	2	164.1	A
tartrazine	Water area	3.98	N/A	1,409.0	C
tartrazine	Water area	<0.01	N/A	35.0	S
tartrazine	Water area	0.89	N/A	1,522,731.0	U
tebuconazole	Grape, wine	1,888.52	2,514	17,863.68	A
tebuconazole	Landscape maintenance	51.66	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
tetraconazole	Grape, wine	288.93	802	7,496.45	A
tetraconazole	Landscape maintenance	0.02	N/A	N/A	N/A
tetramethrin	Structural pest control	<0.01	N/A	N/A	N/A
alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	Grape, wine	34.95	15	160.53	A
alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	Structural pest control	0.34	N/A	N/A	N/A
tetrapotassium pyrophosphate	Grape, wine	4.59	15	160.53	A
tetrapotassium pyrophosphate	Structural pest control	0.04	N/A	N/A	N/A
thiamethoxam	Grape, wine	466.12	536	4,922.28	A
thiamethoxam	Structural pest control	0.01	N/A	N/A	N/A
thiamethoxam	Uncultivated ag	0.08	1	0.95	A
thiophanate-methyl	Grape, wine	2,550.7	531	3,563.65	A
thiophanate-methyl	Landscape maintenance	38.81	N/A	N/A	N/A
thiophanate-methyl	Structural pest control	46.98	N/A	N/A	N/A
thyme oil	Structural pest control	<0.01	N/A	N/A	N/A
thymol	Beehive	0.03	1	15.0	U
topramezone	Landscape maintenance	0.13	N/A	N/A	N/A
trichoderma icc 012 asperellum	Grape, wine	1.24	7	97.26	A
trichoderma icc 080 gamsii	Grape, wine	1.24	7	97.26	A
triclopyr, butoxyethyl ester	Landscape maintenance	18,786.14	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
triclopyr, butoxyethyl ester	Rights of way	10.45	N/A	N/A	N/A
triclopyr, triethylamine salt	Landscape maintenance	0.33	N/A	N/A	N/A
triclopyr, triethylamine salt	Rights of way	22.77	N/A	N/A	N/A
triclopyr, triethylamine salt	Uncultivated non-ag	0.85	N/A	3.0	A
triclopyr, triethylamine salt	Water area	6.17	N/A	2.0	A
triethanolamine	Grape, wine	11.69	15	160.53	A
triethanolamine	Structural pest control	0.11	N/A	N/A	N/A
trifloxystrobin	Grape, wine	490.82	773	5,044.54	A
trifloxystrobin	Landscape maintenance	0.33	N/A	N/A	N/A
trifloxystrobin	Uncultivated ag	0.09	1	0.95	A
triflumizole	Grape, wine	871.24	386	3,581.06	A
triflumizole	Uncultivated ag	0.24	1	0.95	A
trifluralin	Landscape maintenance	0.7	N/A	N/A	N/A
alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	Grape, wine	1,062.39	675	5,635.74	A
trinexapac-ethyl	Landscape maintenance	31.42	N/A	N/A	N/A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Grape, wine	176.32	224	1,214.46	A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Landscape maintenance	26.86	N/A	N/A	N/A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Rights of way	17.8	N/A	N/A	N/A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Uncultivated ag	0.11	1	0.36	A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Water (industrial)	1.62	N/A	25.25	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Wheat	11.6	1	380.0	A
urea	Grape, wine	25.42	28	48.49	A
warfarin	Structural pest control	<0.01	N/A	N/A	N/A
2,4-xyleneol	Grape, wine	0.03	1	50.0	A
yucca schidigera	Grape, wine	5.07	9	91.5	A
zinc phosphide	Grape, wine	<0.01	1	0.5	A
zinc phosphide	Landscape maintenance	0.21	N/A	N/A	N/A
zinc phosphide	Structural pest control	<0.01	N/A	N/A	N/A
ziram	Peach	0.38	1	0.25	A