

2020 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
abamectin	Grape, wine	1.65	11	89.62	A
abamectin	Landscape maintenance	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	1.45	N/A	N/A	N/A
acephate	Structural pest control	1.98	N/A	N/A	N/A
acetamiprid	Grape, wine	236.96	267	2,700.22	A
acetamiprid	Landscape maintenance	0.16	N/A	N/A	N/A
acetamiprid	Structural pest control	0.49	N/A	N/A	N/A
acetic acid	Grape, wine	10.26	2	23.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
acetic acid	Structural pest control	0.14	N/A	N/A	N/A
acibenzolar-s-methyl	Landscape maintenance	2.01	N/A	N/A	N/A
acid blue 9, diammonium salt	Landscape maintenance	4.65	N/A	N/A	N/A
acid blue 9, diammonium salt	Rights of way	4.36	N/A	N/A	N/A
acid blue 9, diammonium salt	Water area	54.37	6	751.42	A
acid blue 9, diammonium salt	Water area	171.16	N/A	670.87	U
alpha-alkylaryl-omega-hydroxypoly(oxyethylene)	Grape, wine	14.48	8	93.15	A
alkyl (50% ^{c14} , 40% ^{c12} , 10% ^{c16}) dimethylbenzyl ammonium chloride	Grape, wine	0.05	1	7.81	A
alkyl (50% ^{c14} , 40% ^{c12} , 10% ^{c16}) dimethylbenzyl ammonium chloride	Structural pest control	0.06	N/A	N/A	N/A
alkyl (60% ^{c14} , 30% ^{c16} , 5% ^{c12} , 5% ^{c18}) dimethylbenzyl ammonium chloride	Structural pest control	<0.01	N/A	N/A	N/A
alkyl (68% ^{c12} , 32% ^{c14}) dimethylethylbenzyl ammonium chloride	Structural pest control	<0.01	N/A	N/A	N/A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Grape, wine	1,582.32	3,813	13,305.79	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	12.79	N/A	N/A	N/A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Rights of way	2.35	N/A	N/A	N/A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Uncultivated ag	2.09	9	19.0	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Water area	0.38	1	2.25	A
alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	Grape, wine	16.14	1	56.96	A
alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	Grape	0.17	N/A	4.0	A
alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	Grape, wine	1,794.21	2,744	16,840.01	A
alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	1.58	8	15.27	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	0.04	N/A	N/A	N/A
alpha-pinene beta-pinene copolymer	Grape, wine	1,963.24	717	10,627.87	A
alpha-pinene beta-pinene copolymer	Olive	0.25	4	0.4	A
alpha-pinene beta-pinene copolymer	Wheat	9.96	1	260.0	A
alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	0.16	N/A	N/A	N/A
alkyl (c8,c10) polyglucoside	Grape	0.07	1	0.46	A
alkyl (c8,c10) polyglucoside	Grape, wine	496.76	390	3,081.63	A
alkyl (c8,c10) polyglucoside	Landscape maintenance	308.56	N/A	N/A	N/A
alkyl (c8,c10) polyglucoside	Pastureland	42.27	3	300.0	A
alkyl (c8,c10) polyglucoside	Rights of way	15.57	N/A	N/A	N/A
alkyl (c8,c10) polyglucoside	Uncultivated ag	0.82	2	2.79	A
alkyl (c8,c10) polyglucoside	Water area	1.15	1	2.21	A
allethrin	Grape, wine	0.25	3	92.0	A
d-allethrin	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	Rights of way	<0.01	N/A	N/A	N/A
d-trans allethrin	Structural pest control	0.03	N/A	N/A	N/A
allyloxypolyethylene glycol acetate	Grape, wine	67.71	128	2,363.84	A
allyloxypolyethylene glycol acetate	Rights of way	<0.01	N/A	N/A	N/A
aluminum phosphide	Grape, wine	0.19	2	8.0	A
aluminum phosphide	Landscape maintenance	0.07	N/A	N/A	N/A
aminocyclopyrachlor, potassium salt	Rights of way	21.15	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Landscape maintenance	2.37	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Rights of way	37.35	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
4-aminopyridine	Structural pest control	0.02	N/A	N/A	N/A
ammonium nonanoate	Landscape maintenance	48.41	N/A	N/A	N/A
ammonium nitrate	Grape	0.25	1	0.46	A
ammonium nitrate	Grape, wine	1,297.97	4,093	15,105.35	A
ammonium nitrate	Landscape maintenance	22.27	N/A	N/A	N/A
ammonium nitrate	Pastureland	151.6	3	300.0	A
ammonium nitrate	Rights of way	5.23	N/A	N/A	N/A
ammonium nitrate	Uncultivated ag	0.27	9	19.0	A
ammonium nitrate	Water area	0.6	2	4.46	A
ammonium sulfate	Grape, wine	9,767.11	4,362	17,143.97	A
ammonium sulfate	Landscape maintenance	82.09	N/A	N/A	N/A
ammonium sulfate	Rights of way	51.02	N/A	N/A	N/A
ammonium sulfate	Uncultivated ag	69.05	19	50.72	A
ammonium sulfate	Water area	2.3	2	4.46	A
azadirachtin	Landscape maintenance	0.11	N/A	N/A	N/A
azadirachtin	Structural pest control	0.91	N/A	N/A	N/A
azoxystrobin	Grape, wine	193.68	56	937.52	A
azoxystrobin	Landscape maintenance	42.58	N/A	N/A	N/A
azoxystrobin	Structural pest control	0.06	N/A	N/A	N/A
bacillus amyloliquefaciens strain d747	Landscape maintenance	0.53	N/A	N/A	N/A
bacillus pumilus, strain qst 2808	Grape, wine	1,194.62	1,343	12,244.19	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
bacillus pumilus, strain qst 2808	Landscape maintenance	0.04	5	2.21	A
bacillus pumilus, strain qst 2808	Olive	0.32	7	0.7	A
bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins	Public health	14.35	N/A	N/A	N/A
bacillus thuringiensis (berliner)	Pear	<0.01	1	0.24	A
bacillus thuringiensis (berliner)	Vegetables, leafy	<0.01	1	0.1	A
bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	Public health	50.72	N/A	N/A	N/A
bacillus thuringiensis, subsp. israelensis, strain am 65-52	Public health	26.2	N/A	N/A	N/A
bacillus thuringiensis subspecies kurstaki strain bmp 123	Grape, wine	4.85	1	12.13	A
bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	Grape, wine	270.53	64	418.35	A
bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	Landscape maintenance	0.14	N/A	N/A	N/A
bacillus thuringiensis (berliner), subsp. kurstaki strain sa-12	Landscape maintenance	3.72	N/A	N/A	N/A
beauveria bassiana strain gha	Structural pest control	0.01	N/A	N/A	N/A
benzoic acid	Grape	<0.01	1	0.46	A
benzoic acid	Grape, wine	30.93	1,681	6,912.52	A
benzoic acid	Landscape maintenance	0.5	N/A	N/A	N/A
benzoic acid	Pastureland	1.71	3	300.0	A
benzoic acid	Rights of way	2.53	N/A	N/A	N/A
benzoic acid	Uncultivated ag	0.04	8	18.0	A
benzoic acid	Water area	0.01	1	2.25	A
beta-conglutin	Grape, wine	534.85	91	1,080.07	A
bifentazate	Grape, wine	349.62	59	736.08	A
bifenthrin	Landscape maintenance	1.38	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
bifenthrin	Rights of way	0.45	N/A	N/A	N/A
bifenthrin	Structural pest control	93.24	N/A	N/A	N/A
n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	Grape, wine	8.45	122	1,740.18	A
n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	Olive	0.01	4	0.4	A
n,n-bis-(2-(omega-hydroxypoly(oxyethylene)/poly(oxypropylene))ethyl)alkyl (c8-c18) amine	Landscape maintenance	23.04	N/A	N/A	N/A
borax	Grape, wine	1.43	4	35.09	A
borax	Rights of way	101.14	N/A	N/A	N/A
borax	Structural pest control	5.22	N/A	N/A	N/A
boric acid	Landscape maintenance	40.89	N/A	N/A	N/A
boric acid	Structural pest control	104.62	N/A	N/A	N/A
boscalid	Grape, wine	1,985.95	817	6,180.31	A
boscalid	N-outdr plants in containers	0.05	1	0.5	A
brodifacoum	Structural pest control	<0.01	N/A	N/A	N/A
bromacil	Landscape maintenance	0.41	N/A	N/A	N/A
bromacil	Rights of way	4.8	N/A	N/A	N/A
bromadiolone	Landscape maintenance	<0.01	N/A	N/A	N/A
bromadiolone	Structural pest control	0.34	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
bromadiolone	Vertebrate control	<0.01	N/A	N/A	N/A
bromethalin	Landscape maintenance	0.01	N/A	N/A	N/A
bromethalin	Structural pest control	0.05	N/A	N/A	N/A
bromoxynil heptanoate	Wheat	67.1	1	260.0	A
bromoxynil octanoate	Wheat	69.59	1	260.0	A
buprofezin	Grape, wine	139.25	11	154.36	A
burkholderia sp strain a396 cells and fermentation media	Grape, wine	4,089.87	46	1,064.01	A
butyl alcohol	County ag comm	<0.01	N/A	N/A	N/A
butyl alcohol	Grape, wine	444.99	706	13,887.13	A
butyl alcohol	Landscape maintenance	0.11	N/A	N/A	N/A
butyl alcohol	Rights of way	11.84	N/A	N/A	N/A
butyl alcohol	Uncultivated ag	0.26	3	5.71	A
butyl alcohol	Water area	0.39	N/A	2.0	A
butyl alcohol	Water area	0.15	N/A	1.0	U
butyl lactate	Forest, timberland	0.54	13	28.2	A
butyl lactate	Grape, wine	59.44	39	809.76	A
butyl lactate	Landscape maintenance	0.91	N/A	N/A	N/A
butyl lactate	Rights of way	17.29	N/A	N/A	N/A
butyl lactate	Water area	3.23	1	23.5	A
calcium chloride	Grape, wine	73.1	730	2,987.09	A
calcium chloride	Rights of way	0.97	N/A	N/A	N/A
calcium chloride	Uncultivated ag	0.1	8	13.18	A
calcium hydroxide	Grape, wine	1.12	3	6.0	A
canola oil	Landscape maintenance	4.78	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
capric acid	Grape, wine	784.54	48	165.39	A
capric acid	Landscape maintenance	1.89	N/A	N/A	N/A
capric acid	Rights of way	10.8	N/A	N/A	N/A
caprylic acid	Grape, wine	1,152.3	48	165.39	A
caprylic acid	Landscape maintenance	2.78	N/A	N/A	N/A
caprylic acid	Rights of way	15.86	N/A	N/A	N/A
captan	Grape, wine	5.87	2	6.0	A
captan, other related	Grape, wine	0.13	2	6.0	A
carbaryl	Grape, wine	7.6	1	2.65	A
carbo methoxy ether cellulose, sodium salt	Grape, wine	16.99	450	5,020.63	A
carbo methoxy ether cellulose, sodium salt	Landscape maintenance	0.07	N/A	N/A	N/A
carbo methoxy ether cellulose, sodium salt	Olive	<0.01	1	0.1	A
carfentrazone-ethyl	Grape, wine	97.26	1,075	2,979.21	A
carfentrazone-ethyl	Landscape maintenance	4.2	N/A	N/A	N/A
carfentrazone-ethyl	Structural pest control	<0.01	N/A	N/A	N/A
carfentrazone-ethyl	Wheat	1.9	1	260.0	A
castor oil ethoxylate	Grape, wine	999.79	916	9,932.49	A
chlorantraniliprole	Grape, wine	1.64	4	25.93	A
chlorantraniliprole	Landscape maintenance	13.18	N/A	N/A	N/A
chlorantraniliprole	Structural pest control	4.48	N/A	N/A	N/A
chlorfenapyr	Structural pest control	13.99	N/A	N/A	N/A
chlorflurenol, methyl ester	Landscape maintenance	0.07	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
chlorine dioxide	Structural pest control	<0.01	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	0.48	N/A	N/A	N/A
chlorothalonil	Landscape maintenance	1,196.35	N/A	N/A	N/A
chlorothalonil	Structural pest control	2.09	N/A	N/A	N/A
chlorpyrifos	Grape, wine	0.01	1	10.0	A
chlorpyrifos	Landscape maintenance	0.8	N/A	N/A	N/A
chlorsulfuron	Rights of way	5.34	N/A	N/A	N/A
cholecalciferol	Grape, wine	0.01	1	9.0	A
cholecalciferol	Structural pest control	0.75	N/A	N/A	N/A
chromobacterium subtsugae strain praa4-1	Grape, wine	187.88	42	237.45	A
chromobacterium subtsugae strain praa4-1	Vegetables, leafy	0.32	5	0.45	A
citric acid	Grape, wine	206.95	734	2,997.97	A
citric acid	Rights of way	2.69	N/A	N/A	N/A
citric acid	Uncultivated ag	0.29	8	13.18	A
citric acid	Water area	1.03	1	23.5	A
clarified hydrophobic extract of neem oil	Landscape maintenance	1.97	5	2.21	A
clarified hydrophobic extract of neem oil	Landscape maintenance	30.5	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
clarified hydrophobic extract of neem oil	Plum	0.13	1	0.24	A
clethodim	Rights of way	20.0	N/A	N/A	N/A
clethodim	Uncultivated ag	0.34	2	2.79	A
clopyralid, monoethanolamine salt	Landscape maintenance	14.01	N/A	N/A	N/A
clopyralid, monoethanolamine salt	Rights of way	69.49	N/A	N/A	N/A
clothianidin	Grape, wine	279.99	266	2,840.79	A
clothianidin	Landscape maintenance	0.47	N/A	N/A	N/A
clothianidin	Structural pest control	0.54	N/A	N/A	N/A
coconut diethanolamide	Structural pest control	0.07	N/A	N/A	N/A
copper	Landscape maintenance	118.77	N/A	N/A	N/A
copper ammonium carbonate	Landscape maintenance	0.27	N/A	N/A	N/A
copper ammonium complex	Landscape maintenance	5.08	N/A	N/A	N/A
copper ethanolamine complexes, mixed	Water (industrial)	91.95	N/A	21.13	A
copper ethanolamine complexes, mixed	Water area	313.28	2	180.86	A
copper ethanolamine complexes, mixed	Water area	20.72	N/A	133,680.56	C
copper ethanolamine complexes, mixed	Water area	82.89	N/A	653.0	K
copper ethanolamine complexes, mixed	Water area	84.93	N/A	260.0	U
copper ethylenediamine complex	Water (industrial)	15.0	N/A	1.5	A
copper hydroxide	Grape, wine	2,830.11	1,094	11,103.7	A
copper hydroxide	Landscape maintenance	31.4	N/A	N/A	N/A
copper hydroxide	Olive	0.78	4	0.75	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
copper hydroxide	Olive	0.64	1	100.0	U
copper hydroxide	Rights of way	7.21	N/A	N/A	N/A
copper hydroxide	Stone fruit	0.43	1	1.0	A
copper hydroxide	Structural pest control	40.79	N/A	N/A	N/A
copper octanoate	Tomato	0.1	1	0.1	A
copper octanoate	Vegetables, leafy	0.1	1	0.1	A
copper oxide (ous)	Almond	0.26	1	0.04	A
copper oxide (ous)	Apple	2.42	1	0.1	A
copper oxide (ous)	Apricot	0.05	1	0.01	A
copper oxide (ous)	Cherry	0.69	2	0.1	A
copper oxide (ous)	Grape, wine	4,624.29	860	5,978.42	A
copper oxide (ous)	Landscape maintenance	14.26	13	15.12	A
copper oxide (ous)	Landscape maintenance	4.46	N/A	N/A	N/A
copper oxide (ous)	N-outdr plants in containers	1.68	1	0.75	A
copper oxide (ous)	Olive	0.84	1	0.15	A
copper oxide (ous)	Peach	1.55	7	0.91	A
copper oxide (ous)	Pear	0.42	1	0.06	A
copper oxide (ous)	Plum	2.68	3	0.27	A
copper oxychloride	Grape, wine	3,596.2	1,082	11,236.2	A
copper oxychloride	Landscape maintenance	32.91	N/A	N/A	N/A
copper oxychloride	Olive	0.86	4	0.75	A
copper oxychloride	Olive	0.71	1	100.0	U
copper oxychloride	Stone fruit	0.48	1	1.0	A
copper oxychloride	Structural pest control	44.67	N/A	N/A	N/A
copper sulfate (basic)	Grape, wine	308.28	1	223.5	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
copper sulfate (pentahydrate)	Landscape maintenance	235.17	N/A	N/A	N/A
copper sulfate (pentahydrate)	Rights of way	5.94	N/A	N/A	N/A
copper sulfate (pentahydrate)	Uncultivated ag	14.85	3	10.8	A
copper sulfate (pentahydrate)	Water area	59.1	N/A	32.58	A
coyote urine	Landscape maintenance	0.68	N/A	N/A	N/A
coyote urine	Structural pest control	0.01	N/A	N/A	N/A
cyflufenamid	Grape, wine	445.27	1,642	17,794.51	A
cyflufenamid	Landscape maintenance	0.02	N/A	N/A	N/A
cyflumetofen	Grape, wine	43.12	29	268.37	A
cyfluthrin	Structural pest control	0.35	N/A	N/A	N/A
beta-cyfluthrin	Landscape maintenance	0.02	N/A	N/A	N/A
beta-cyfluthrin	Structural pest control	17.44	N/A	N/A	N/A
cypermethrin	Rights of way	0.39	N/A	N/A	N/A
cypermethrin	Structural pest control	117.0	N/A	N/A	N/A
cyprodinil	Grape, wine	1,976.12	759	13,436.26	A
2,4-d, dimethylamine salt	Landscape maintenance	3.28	N/A	N/A	N/A
2,4-d, 2-ethylhexyl ester	Landscape maintenance	64.61	N/A	N/A	N/A
2,4-d, 2-ethylhexyl ester	Structural pest control	0.05	N/A	N/A	N/A
2,4-d, isooctyl ester	Landscape maintenance	33.84	N/A	N/A	N/A
dazomet	Grape, wine	21.66	1	32.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
deltamethrin	Structural pest control	26.6	N/A	N/A	N/A
diatomaceous earth	Structural pest control	5.33	N/A	N/A	N/A
dicamba	Landscape maintenance	6.22	N/A	N/A	N/A
dicamba	Structural pest control	<0.01	N/A	N/A	N/A
dicamba, dimethylamine salt	Landscape maintenance	12.75	N/A	N/A	N/A
dichlobenil	Rights of way	0.21	N/A	N/A	N/A
1,3-dichloropropene	Grape, wine	3,319.36	1	10.0	A
didecyl dimethyl ammonium chloride	Structural pest control	0.02	N/A	N/A	N/A
diethylene glycol	Landscape maintenance	2.15	N/A	N/A	N/A
diethylene glycol	Rights of way	4.34	N/A	N/A	N/A
difenoconazole	Grape, wine	426.41	645	11,475.75	A
difenoconazole	Landscape maintenance	7.27	N/A	N/A	N/A
difethialone	Landscape maintenance	<0.01	N/A	N/A	N/A
difethialone	Structural pest control	0.02	N/A	N/A	N/A
dikegulac sodium	Landscape maintenance	6.01	N/A	N/A	N/A
dimethoate	Grape, wine	2.49	1	1.0	A
dimethyl alkyl tertiary amines	Grape	<0.01	1	0.46	A
dimethyl alkyl tertiary amines	Grape, wine	33.79	1,681	6,912.52	A
dimethyl alkyl tertiary amines	Landscape maintenance	0.54	N/A	N/A	N/A
dimethyl alkyl tertiary amines	Pastureland	1.86	3	300.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
dimethyl alkyl tertiary amines	Rights of way	2.75	N/A	N/A	N/A
dimethyl alkyl tertiary amines	Uncultivated ag	0.05	8	18.0	A
dimethyl alkyl tertiary amines	Water area	0.01	1	2.25	A
3,7-dimethyl-6-octen-1-ol	Grape, wine	1.52	19	214.24	A
dimethylpolysiloxane	County ag comm	<0.01	N/A	N/A	N/A
dimethylpolysiloxane	Grape, wine	24.81	1,105	16,959.54	A
dimethylpolysiloxane	Landscape maintenance	0.54	5	2.21	A
dimethylpolysiloxane	Landscape maintenance	0.8	N/A	N/A	N/A
dimethylpolysiloxane	Rights of way	0.51	N/A	N/A	N/A
dimethylpolysiloxane	Uncultivated ag	0.02	3	21.46	A
dimethylpolysiloxane	Water area	0.01	1	4.21	A
dimethylpolysiloxane	Water area	<0.01	N/A	1.0	U
dimethyl silicone fluid emulsion	Grape, wine	37.68	1,251	4,882.35	A
dimethyl silicone fluid emulsion	Landscape maintenance	1.97	N/A	N/A	N/A
dinotefuran	Grape, wine	181.15	72	1,359.91	A
dinotefuran	Landscape maintenance	0.03	N/A	N/A	N/A
dinotefuran	Structural pest control	53.32	N/A	N/A	N/A
dioctyl dimethyl ammonium chloride	Structural pest control	0.02	N/A	N/A	N/A
diphacinone	Grape, wine	0.1	10	166.41	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	0.06	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
diphacinone, sodium salt	Structural pest control	<0.01	N/A	N/A	N/A
diquat dibromide	Landscape maintenance	63.53	N/A	N/A	N/A
diquat dibromide	Rights of way	1.4	N/A	N/A	N/A
diquat dibromide	Structural pest control	0.01	N/A	N/A	N/A
diquat dibromide	Water (industrial)	6.53	N/A	1.26	A
diquat dibromide	Water area	99.46	N/A	14.47	A
disodium octaborate anhydrous	Rights of way	0.18	N/A	N/A	N/A
disodium octaborate tetrahydrate	Grape, wine	3.58	6	83.77	A
disodium octaborate tetrahydrate	Structural pest control	160.43	N/A	N/A	N/A
dithiopyr	Landscape maintenance	298.66	N/A	N/A	N/A
dithiopyr	Rights of way	55.53	N/A	N/A	N/A
dithiopyr	Structural pest control	65.22	N/A	N/A	N/A
diuron	Rights of way	105.46	N/A	N/A	N/A
dodecylbenzene sulfonic acid	Structural pest control	0.3	N/A	N/A	N/A
alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	Grape, wine	94.66	599	8,939.1	A
2,4-dp-p, isooctyl ester	Landscape maintenance	0.02	N/A	N/A	N/A
edta, tetrasodium salt	Grape, wine	0.01	1	7.81	A
edta, tetrasodium salt	Structural pest control	0.02	N/A	N/A	N/A
emamectin benzoate	Landscape maintenance	0.01	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
emamectin benzoate	Structural pest control	0.47	N/A	N/A	N/A
emulsifiable methylated vegetable oil	Grape, wine	2.4	2	3.88	A
esfenvalerate	Landscape maintenance	0.62	N/A	N/A	N/A
esfenvalerate	Structural pest control	6.88	N/A	N/A	N/A
ethephon	Landscape maintenance	156.98	N/A	N/A	N/A
ethephon	Structural pest control	10.02	N/A	N/A	N/A
etofenprox	Public health	12.68	N/A	N/A	N/A
etofenprox	Structural pest control	2.16	N/A	N/A	N/A
ethofumesate	Landscape maintenance	25.71	N/A	N/A	N/A
ethylene glycol monomethyl ether	Grape, wine	1.03	5	42.0	A
etoxazole	Grape, wine	40.5	26	309.4	A
farnesol	Grape, wine	0.61	19	214.24	A
fatty acids, methyl esters	Grape, wine	166.97	13	186.15	A
fatty acids, mixed	Rights of way	8.24	N/A	N/A	N/A
fatty acids, c16-c18 and c18-unsaturated, methyl esters	Water (industrial)	0.13	N/A	5.0	A
fatty acids derived from tallow	Landscape maintenance	0.06	N/A	N/A	N/A
fenarimol	Grape, wine	0.05	3	2.25	A
fenbutatin-oxide	Landscape maintenance	0.24	N/A	N/A	N/A
fenhexamid	Grape, wine	1,873.82	438	3,972.62	A
fenpropathrin	Grape, wine	14.77	13	37.73	A
fenpropathrin	Olive	1.25	2	1,800.0	U

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
fenpyroximate	Grape, wine	2.23	6	20.93	A
ferric sodium edta	Landscape maintenance	0.01	N/A	N/A	N/A
fipronil	Rights of way	0.08	N/A	N/A	N/A
fipronil	Structural pest control	81.47	N/A	N/A	N/A
flazasulfuron	Grape, wine	117.5	782	3,752.43	A
fluazifop-butyl	Landscape maintenance	0.78	N/A	N/A	N/A
fluazifop-p-butyl	Grape, wine	50.24	70	200.24	A
fluazifop-p-butyl	Landscape maintenance	18.42	N/A	N/A	N/A
fluazifop-p-butyl	Rights of way	0.2	N/A	N/A	N/A
fluazinam	Landscape maintenance	12.84	N/A	N/A	N/A
fludioxonil	Grape, wine	149.64	31	746.61	A
fludioxonil	Landscape maintenance	8.2	N/A	N/A	N/A
flumioxazin	Grape	0.51	N/A	4.0	A
flumioxazin	Grape, wine	1,559.25	1,283	6,733.93	A
flumioxazin	Landscape maintenance	31.14	N/A	N/A	N/A
flumioxazin	Rights of way	16.69	N/A	N/A	N/A
flumioxazin	Uncultivated ag	6.82	4	19.6	A
flumioxazin	Water (industrial)	0.35	N/A	1.25	A
flumioxazin	Water area	9.49	1	24.82	A
fluopyram	Grape, wine	1,591.49	1,328	15,255.67	A
flupyradifurone	Grape, wine	47.03	19	358.87	A
flupyradifurone	Landscape maintenance	0.21	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
flurecol-methyl	Landscape maintenance	0.02	N/A	N/A	N/A
fluridone	Industrial waste disposal systems, disposal water	3.3	N/A	871,198.7	C
fluridone	Water area	23.89	1	23.5	A
flutolanil	Landscape maintenance	70.22	N/A	N/A	N/A
flutriafol	Grape, wine	883.7	778	11,033.62	A
fluxapyroxad	Grape, wine	0.57	2	5.75	A
fluxapyroxad	Landscape maintenance	1.61	N/A	N/A	N/A
forchlorfenuron	Grape, wine	0.17	8	40.94	A
fosetyl-al	N-outdr plants in containers	1.0	1	1.0	A
fox urine	Landscape maintenance	0.29	N/A	N/A	N/A
fox urine	Structural pest control	<0.01	N/A	N/A	N/A
gamma-cyhalothrin	Structural pest control	1.29	N/A	N/A	N/A
garlic	Grape, wine	0.87	4	43.0	A
geraniol	Grape, wine	1.52	19	214.24	A
glufosinate-ammonium	Grape	0.52	1	0.46	A
glufosinate-ammonium	Grape, wine	9,034.32	2,996	9,980.11	A
glufosinate-ammonium	Landscape maintenance	186.5	N/A	N/A	N/A
glufosinate-ammonium	Rights of way	169.91	N/A	N/A	N/A
glufosinate-ammonium	Uncultivated ag	0.59	1	1.54	A
glutaraldehyde	Water (industrial)	329.08	N/A	4.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
glycerol	Grape, wine	7.77	3	41.88	A
glyphosate, dimethylamine salt	Rights of way	723.63	N/A	N/A	N/A
glyphosate, isopropylamine salt	Fumigation, other	0.46	N/A	N/A	N/A
glyphosate, isopropylamine salt	Grape, wine	2,171.05	239	1,625.51	A
glyphosate, isopropylamine salt	Landscape maintenance	937.57	N/A	N/A	N/A
glyphosate, isopropylamine salt	N-outdr plants in containers	9.66	11	55.0	A
glyphosate, isopropylamine salt	Rights of way	1,354.09	N/A	N/A	N/A
glyphosate, isopropylamine salt	Strawberry	1.01	1	3.5	A
glyphosate, isopropylamine salt	Structural pest control	571.48	N/A	N/A	N/A
glyphosate, isopropylamine salt	Uncultivated ag	121.53	11	25.14	A
glyphosate, isopropylamine salt	Water (industrial)	1.35	N/A	0.5	A
glyphosate, isopropylamine salt	Water area	316.51	4	75.32	A
glyphosate, isopropylamine salt	Water area	27.7	N/A	1.0	U
glyphosate, monoammonium salt	Landscape maintenance	5.58	N/A	N/A	N/A
glyphosate, potassium salt	Forest, timberland	34.34	15	34.93	A
glyphosate, potassium salt	Grape	5.52	N/A	4.0	A
glyphosate, potassium salt	Grape, wine	24,927.81	2,462	12,250.79	A
glyphosate, potassium salt	Landscape maintenance	700.95	N/A	N/A	N/A
glyphosate, potassium salt	Pastureland	568.91	3	300.0	A
glyphosate, potassium salt	Rights of way	269.07	N/A	N/A	N/A
glyphosate, potassium salt	Uncultivated ag	66.28	9	34.75	A
glyphosate, potassium salt	Uncultivated non-ag	13.1	N/A	7.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	Grape, wine	47.97	140	1,713.68	A
heptyl butyrate	Structural pest control	0.1	N/A	N/A	N/A
hexaflumuron	Structural pest control	<0.01	N/A	N/A	N/A
hexythiazox	Grape, wine	0.82	3	4.36	A
hexythiazox	Landscape maintenance	0.01	N/A	N/A	N/A
hydramethylnon	Structural pest control	0.05	N/A	N/A	N/A
hydrogen peroxide	Grape, wine	2,254.78	117	1,161.31	A
hydrogen peroxide	Rights of way	5.48	N/A	N/A	N/A
hydroprene	Structural pest control	2.64	N/A	N/A	N/A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Grape, wine	19,278.52	8,568	98,122.03	A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Landscape maintenance	2.28	13	15.12	A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Olive	0.78	7	3.35	A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Rights of way	8.58	N/A	N/A	N/A
imazamox, ammonium salt	Rights of way	1.49	N/A	N/A	N/A
imazamox, ammonium salt	Water area	24.88	1	23.5	A
imazapic, ammonium salt	Structural pest control	<0.01	N/A	N/A	N/A
imazapyr, isopropylamine salt	Landscape maintenance	0.05	N/A	N/A	N/A
imazapyr, isopropylamine salt	Rights of way	59.98	N/A	N/A	N/A
imazapyr, isopropylamine salt	Water area	0.1	N/A	0.1	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
imidacloprid	Grape, wine	1,177.6	459	4,214.81	A
imidacloprid	Landscape maintenance	33.55	N/A	N/A	N/A
imidacloprid	Structural pest control	52.57	N/A	N/A	N/A
indaziflam	Grape, wine	287.44	1,553	6,077.97	A
indaziflam	Landscape maintenance	7.58	N/A	N/A	N/A
indaziflam	N-outdr plants in containers	0.01	1	1.0	A
indaziflam	Rights of way	10.82	N/A	N/A	N/A
indaziflam	Structural pest control	<0.01	N/A	N/A	N/A
indoxacarb	Landscape maintenance	<0.01	N/A	N/A	N/A
indoxacarb	Rights of way	<0.01	N/A	N/A	N/A
indoxacarb	Structural pest control	6.87	N/A	N/A	N/A
iprodione	Landscape maintenance	136.25	N/A	N/A	N/A
iron phosphate	Landscape maintenance	29.63	N/A	N/A	N/A
iron phosphate	Structural pest control	0.02	N/A	N/A	N/A
isofetamid	Landscape maintenance	10.04	N/A	N/A	N/A
isooctyl phthalate	Grape, wine	1.05	5	42.0	A
isopropyl alcohol	Grape, wine	5.01	27	114.0	A
isopropyl alcohol	Structural pest control	0.79	N/A	N/A	N/A
isopropylamine dodecylbenzene sulfonate	Rights of way	<0.01	N/A	N/A	N/A
isoxaben	Grape, wine	81.65	27	126.79	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
isoxaben	Landscape maintenance	73.8	N/A	N/A	N/A
isoxaben	Rights of way	30.4	N/A	N/A	N/A
isoxaben	Structural pest control	34.72	N/A	N/A	N/A
kaolin	Grape, wine	22,724.76	300	3,249.37	A
kaolin	Olive	107.01	9	13.49	A
kaolin	Olive	242.25	4	1,090.0	U
kaolin	Pear	0.48	2	0.48	A
kaolin	Tomato	0.48	2	0.48	A
kresoxim-methyl	Grape, wine	170.92	131	1,223.24	A
lactic acid	Landscape maintenance	1.73	N/A	N/A	N/A
lambda-cyhalothrin	Structural pest control	5.81	N/A	N/A	N/A
laminarin	Grape, wine	0.75	1	22.0	A
lavandulyl senecioate	Grape, wine	322.97	1,674	25,038.11	A
lecithin	Grape, wine	11.44	22	41.24	A
lecithin	Rights of way	10.46	N/A	N/A	N/A
lignin sulfonic acid, copper salt	Landscape maintenance	0.7	N/A	N/A	N/A
lime-sulfur	Grape, wine	7,970.03	26	333.93	A
limonene	Landscape maintenance	1.1	N/A	N/A	N/A
limonene	Structural pest control	24.33	N/A	N/A	N/A
limonene	Water (industrial)	0.67	N/A	5.0	A
low molecular weight paraffinic oil	Grape, wine	5.33	8	213.18	A
low molecular weight paraffinic oil	Rights of way	3.09	N/A	N/A	N/A
malathion	Grape, wine	122.95	4	69.89	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
mancozeb	Grape, wine	40.35	3	21.51	A
mancozeb	Landscape maintenance	25.7	N/A	N/A	N/A
mancozeb	Structural pest control	76.14	N/A	N/A	N/A
mcpa, isooctyl ester	Landscape maintenance	0.13	N/A	N/A	N/A
mcpp, dimethylamine salt	Landscape maintenance	0.02	N/A	N/A	N/A
mcpp-p, dimethylamine salt	Landscape maintenance	0.01	N/A	N/A	N/A
mecoprop-p	Landscape maintenance	21.18	N/A	N/A	N/A
mecoprop-p	Structural pest control	0.01	N/A	N/A	N/A
mefenoxam	Landscape maintenance	28.24	N/A	N/A	N/A
mefenoxam	N-outdr plants in containers	0.29	1	1.0	A
mefenoxam, other related	Landscape maintenance	0.93	N/A	N/A	N/A
mefenoxam, other related	N-outdr plants in containers	0.01	1	1.0	A
metaflumizone	Grape, wine	0.07	6	70.76	A
metalaxyl	Landscape maintenance	0.01	N/A	N/A	N/A
metam-sodium	Rights of way	160.34	N/A	N/A	N/A
metconazole	Landscape maintenance	3.0	N/A	N/A	N/A
methoprene	Structural pest control	0.01	N/A	N/A	N/A
s-methoprene	Public health	174.96	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
s-methoprene	Structural pest control	0.02	N/A	N/A	N/A
methoxyfenozide	Grape, wine	106.04	21	507.06	A
methylated soybean oil	Grape	0.32	2	0.92	A
methylated soybean oil	Grape, wine	2,114.57	1,946	8,398.7	A
methylated soybean oil	Landscape maintenance	125.35	N/A	N/A	N/A
methylated soybean oil	Pastureland	191.56	6	600.0	A
methylated soybean oil	Rights of way	253.38	N/A	N/A	N/A
methylated soybean oil	Uncultivated ag	1.71	8	18.0	A
methylated soybean oil	Water area	0.42	1	2.25	A
2-methyl-1-butanol	Structural pest control	0.06	N/A	N/A	N/A
methyl-2,7-dichloro-9-hydroxyfluorene-9-carboxylate	Landscape maintenance	0.01	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	75.54	88	800.24	A
metofluthrin	Structural pest control	<0.01	N/A	N/A	N/A
metrafenone	Grape, wine	3,880.58	1,575	13,537.47	A
mineral oil	Almond	0.23	1	0.04	A
mineral oil	Apple	1.92	1	0.1	A
mineral oil	Apricot	0.05	1	0.01	A
mineral oil	Cherry	0.55	2	0.1	A
mineral oil	Grape, wine	117,732.29	3,638	35,448.67	A
mineral oil	Landscape maintenance	315.66	N/A	N/A	N/A
mineral oil	N-outdr plants in containers	4.5	2	0.75	A
mineral oil	Olive	19.62	9	3.45	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
mineral oil	Olive	59.96	4	2,000.0	U
mineral oil	Peach	1.81	6	0.67	A
mineral oil	Pear	0.34	1	0.06	A
mineral oil	Plum	11.19	6	0.99	A
mineral oil	Public health	700.47	N/A	N/A	N/A
mineral oil	Rights of way	1.64	N/A	N/A	N/A
mineral oil	Stone fruit	7.05	1	1.0	A
mineral oil	Structural pest control	49.38	1	10.0	A
mineral oil	Structural pest control	361.02	N/A	N/A	N/A
mineral oil	Tomato	0.44	1	0.1	A
mineral oil	Vegetables, leafy	0.22	1	0.05	A
mineral oil	Wheat	7.47	1	260.0	A
modified phthalic glycerol alkyd resin	Grape, wine	0.03	4	1.0	A
morpholine	Grape, wine	0.45	5	42.0	A
msma	Landscape maintenance	0.24	N/A	N/A	N/A
muscalure	Structural pest control	0.03	N/A	N/A	N/A
myclobutanil	Grape, wine	542.91	536	5,297.52	A
myclobutanil	Landscape maintenance	1.49	N/A	N/A	N/A
myrothecium verrucaria, dried fermentation solids & solubles, strain aarc-0255	Grape, wine	6,905.77	64	765.87	A
naa, ammonium salt	Landscape maintenance	2.38	N/A	N/A	N/A
napropamide	Structural pest control	0.27	N/A	N/A	N/A
nerolidol	Grape, wine	1.52	19	214.24	A
nonanoic acid	Grape, wine	0.53	1	1.25	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
nonanoic acid, other related	Grape, wine	0.03	1	1.25	A
4-nonylphenol, formaldehyde resin, propoxylated	Grape, wine	1,190.95	994	10,850.02	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	County ag comm	0.03	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Grape, wine	4,426.67	1,428	22,488.99	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	27.03	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Olive	<0.01	1	0.1	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Rights of way	142.78	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Structural pest control	5.8	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Uncultivated ag	2.08	3	5.71	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Water area	3.12	N/A	2.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Water area	1.25	N/A	1.0	U
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	Grape, wine	21.53	35	287.94	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	Grape, wine	4.38	19	23.83	A
novaluron	Structural pest control	0.27	N/A	N/A	N/A
noviflumuron	Structural pest control	0.08	N/A	N/A	N/A
n-octyl bicycloheptene dicarboximide	Grape, wine	0.84	3	92.0	A
n-octyl bicycloheptene dicarboximide	Landscape maintenance	0.09	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
n-octyl bicycloheptene dicarboximide	Structural pest control	5.99	N/A	N/A	N/A
octyl decyl dimethyl ammonium chloride	Structural pest control	0.04	N/A	N/A	N/A
oleic acid	Grape, wine	2.55	20	86.0	A
oleic acid, ethyl ester	Grape, wine	2,208.26	455	6,343.98	A
oleic acid, ethyl ester	Landscape maintenance	127.66	N/A	N/A	N/A
oleic acid, ethyl ester	Rights of way	32.79	N/A	N/A	N/A
oleic acid, ethyl ester	Water area	70.57	1	23.5	A
oleic acid, methyl ester	Grape, wine	952.13	128	2,408.76	A
oleic acid, methyl ester	Rights of way	8.85	N/A	N/A	N/A
organosilicone, poly oxyalkylene ether copolymer	Landscape maintenance	17.35	N/A	N/A	N/A
organosilicone, poly oxyalkylene ether copolymer	Structural pest control	2.95	N/A	N/A	N/A
oryzalin	Grape, wine	711.9	98	244.66	A
oryzalin	Landscape maintenance	230.4	N/A	N/A	N/A
oryzalin	Rights of way	48.75	N/A	N/A	N/A
oxadiazon	Landscape maintenance	0.29	N/A	N/A	N/A
oxadiazon	Rights of way	4.6	N/A	N/A	N/A
oxyfluorfen	Grape, wine	1,963.63	352	2,580.04	A
oxyfluorfen	Rights of way	43.63	N/A	N/A	N/A
oxyfluorfen	Uncultivated ag	1.99	4	10.05	A
oxytetracycline hydrochloride	Landscape maintenance	0.02	N/A	N/A	N/A
paclobutrazol	Landscape maintenance	2.43	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
pcnb	Landscape maintenance	146.96	N/A	N/A	N/A
pcp, other related	Landscape maintenance	0.06	N/A	N/A	N/A
pendimethalin	Grape, wine	2,902.94	292	1,063.13	A
pendimethalin	Landscape maintenance	3.08	N/A	N/A	N/A
pendimethalin	Rights of way	143.34	N/A	N/A	N/A
pendimethalin	Uncultivated ag	1.78	1	1.88	A
penoxsulam	Landscape maintenance	4.78	N/A	N/A	N/A
penoxsulam	Rights of way	0.82	N/A	N/A	N/A
penoxsulam	Water area	0.16	N/A	1.3	A
pentachlorophenol	Landscape maintenance	0.53	N/A	N/A	N/A
penthiopyrad	Landscape maintenance	26.96	N/A	N/A	N/A
permethrin	Landscape maintenance	6.22	N/A	N/A	N/A
permethrin	Public health	4.22	N/A	N/A	N/A
permethrin	Structural pest control	92.06	N/A	N/A	N/A
permethrin, other related	Landscape maintenance	<0.01	N/A	N/A	N/A
peroxyacetic acid	Grape, wine	134.59	87	932.11	A
peroxyacetic acid	Rights of way	0.4	N/A	N/A	N/A
petroleum distillates	Grape, wine	100.08	3	92.0	A
petroleum distillates	Landscape maintenance	1.04	N/A	N/A	N/A
petroleum oil, unclassified	Landscape maintenance	66.6	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
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	0.06	N/A	N/A	N/A
phenylethyl propionate	Structural pest control	<0.01	N/A	N/A	N/A
phosphoric acid	Grape, wine	0.32	4	7.76	A
phosphoric acid	Structural pest control	0.06	N/A	N/A	N/A
piperonyl butoxide	Grape, wine	0.41	3	92.0	A
piperonyl butoxide	Landscape maintenance	50.06	N/A	N/A	N/A
piperonyl butoxide	Public health	12.33	N/A	N/A	N/A
piperonyl butoxide	Rights of way	0.02	N/A	N/A	N/A
piperonyl butoxide	Structural pest control	180.39	N/A	N/A	N/A
piperonyl butoxide, other related	Grape, wine	0.1	3	92.0	A
piperonyl butoxide, other related	Landscape maintenance	0.06	N/A	N/A	N/A
piperonyl butoxide, other related	Public health	0.25	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	15.95	N/A	N/A	N/A
polyacrylamide, polyethylene glycol mixture	Rights of way	0.83	N/A	N/A	N/A
polyacrylamide polymer	Grape, wine	0.31	6	117.25	A
polyacrylamide polymer	Rights of way	0.17	N/A	N/A	N/A
polyalkene oxide modified heptamethyl trisiloxane	Grape, wine	0.17	19	1.81	A
polyalkene oxide modified heptamethyl trisiloxane	Landscape maintenance	3.06	N/A	N/A	N/A
polyalkyleneoxide modified polydimethyl-siloxane	Grape, wine	119.85	124	1,609.59	A
polybutenes	Grape, wine	0.09	4	4.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
polyether modified polysiloxane	Grape, wine	5.97	18	54.88	A
polyethoxylated castor oil	Grape	0.08	1	0.46	A
polyethoxylated castor oil	Grape, wine	334.24	220	1,416.82	A
polyethoxylated castor oil	Pastureland	47.37	3	300.0	A
polyethylene glycol	Grape, wine	175.65	164	2,559.43	A
polyethylene glycol diacetate	Grape, wine	6.16	128	2,363.84	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	54.86	62	694.88	A
polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	Landscape maintenance	0.09	N/A	N/A	N/A
polyethylene glycol stearate	Grape, wine	552.07	455	6,343.98	A
polyethylene glycol stearate	Landscape maintenance	30.67	N/A	N/A	N/A
polyethylene glycol stearate	Rights of way	3.75	N/A	N/A	N/A
polyoxyethylene polyol fatty acid esters	Grape, wine	16.14	1	56.96	A
polyoxyethylene polyol fatty acid esters	Water area	4.78	1	23.5	A
poly-i-para-menthene	Grape, wine	88.71	40	323.23	A
poly-i-para-menthene	Olive	0.02	1	0.1	A
poly-i-para-menthene	Plum	0.06	1	0.24	A
polymerized pinene	Grape, wine	6.13	1	34.0	A
polymerized pinene	Rights of way	1.93	N/A	N/A	N/A
polyoxin d, zinc salt	Grape, wine	52.0	241	1,261.22	A
polyoxin d, zinc salt	Landscape maintenance	1.45	N/A	N/A	N/A
poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	Grape	0.01	1	0.46	A
poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	Grape, wine	34.28	220	1,416.82	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	Pastureland	4.86	3	300.0	A
polyoxyethylene dioleate	Landscape maintenance	1.21	N/A	N/A	N/A
polyoxyethylene dioleate	Rights of way	3.11	N/A	N/A	N/A
polyoxyethylene dioleate	Water area	12.35	1	23.5	A
polyoxyethylene polyoxypropylene	Rights of way	<0.01	N/A	N/A	N/A
poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	Grape, wine	14.29	72	631.78	A
polyoxyethylene sorbitan mixed fatty acid esters	Grape, wine	15.62	10	127.8	A
polyoxyethylene sorbitan mixed fatty acid esters	Rights of way	1.35	N/A	N/A	N/A
polyoxyethylene sorbitan mixed fatty acid esters	Uncultivated ag	6.9	N/A	6.25	A
polyoxyethylene sorbitan monolaurate	Forest, timberland	4.75	13	28.2	A
polyoxyethylene sorbitan monolaurate	Grape, wine	522.75	39	809.76	A
polyoxyethylene sorbitan monolaurate	Landscape maintenance	32.77	N/A	N/A	N/A
polyoxyethylene sorbitan monolaurate	Rights of way	152.03	N/A	N/A	N/A
polyoxyethylene sorbitan monooleate	Landscape maintenance	0.25	N/A	N/A	N/A
polyoxyethylene sorbitan monooleate	Rights of way	0.9	N/A	N/A	N/A
polyoxyethylene sorbitan monooleate	Water area	3.53	1	23.5	A
polyoxyethylene sorbitan monooleate	Wheat	17.42	1	260.0	A
polyoxyethylene sorbitan trioleate	Rights of way	0.1	N/A	N/A	N/A
polyoxyethylene soybean oil fatty acid ester	Grape, wine	15.4	3	45.0	A
polyoxyethylene soybean oil fatty acid ester	Wheat	9.96	1	260.0	A
polypropylene glycol	Grape, wine	3.17	74	983.72	A
polysorbate 65	Landscape maintenance	0.02	N/A	N/A	N/A
potash soap	Grape, wine	41.63	2	6.5	A
potash soap	Plum	0.53	2	0.48	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
potash soap	Vegetables, leafy	0.14	1	0.05	A
potassium bicarbonate	Grape, wine	2,351.74	131	839.58	A
potassium bicarbonate	N-outdr plants in containers	1.7	1	0.25	A
potassium peroxymonosulfate	Grape, wine	12.09	1	21.0	A
potassium phosphite	Landscape maintenance	572.07	N/A	N/A	N/A
potassium phosphite	Structural pest control	799.6	N/A	N/A	N/A
potassium silicate	Grape, wine	265.98	11	365.29	A
prallethrin	Structural pest control	1.53	N/A	N/A	N/A
prodiamine	Landscape maintenance	419.47	N/A	N/A	N/A
propiconazole	Landscape maintenance	96.75	N/A	N/A	N/A
propiconazole	Structural pest control	0.88	N/A	N/A	N/A
propylene glycol	Grape, wine	19.28	73	689.08	A
propylene glycol	Landscape maintenance	2.94	N/A	N/A	N/A
propylene glycol	Structural pest control	0.98	N/A	N/A	N/A
pydiflumetofen	Grape, wine	39.81	7	343.2	A
pyraclostrobin	Grape, wine	1,009.3	819	6,186.06	A
pyraclostrobin	Landscape maintenance	13.19	N/A	N/A	N/A
pyraclostrobin	N-outdr plants in containers	0.09	1	0.5	A
pyraflufen-ethyl	Grape, wine	2.42	106	934.4	A
pyraflufen-ethyl	Uncultivated ag	0.02	6	15.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
pyrethrins	Grape, wine	69.33	144	1,716.56	A
pyrethrins	Landscape maintenance	5.07	N/A	N/A	N/A
pyrethrins	Plum	<0.01	1	0.24	A
pyrethrins	Public health	2.12	N/A	N/A	N/A
pyrethrins	Rights of way	<0.01	N/A	N/A	N/A
pyrethrins	Structural pest control	30.26	N/A	N/A	N/A
pyrethrins	Tomato	<0.01	1	0.1	A
pyrethrins	Vegetables, leafy	0.02	6	0.6	A
pyrimethanil	Grape, wine	236.88	70	1,103.66	A
pyriofenone	Grape, wine	1,046.02	1,010	10,930.96	A
pyriproxyfen	Landscape maintenance	0.32	N/A	N/A	N/A
pyriproxyfen	Structural pest control	0.71	N/A	N/A	N/A
qst 713 strain of dried bacillus subtilis	Grape, wine	2,640.91	940	10,117.45	A
qst 713 strain of dried bacillus subtilis	Olive	0.65	5	0.5	A
qst 713 strain of dried bacillus subtilis	Structural pest control	5.24	2	20.0	A
quillaja	Grape, wine	824.22	499	6,089.69	A
quillaja	Landscape maintenance	0.14	N/A	N/A	N/A
quillaja	Olive	<0.01	1	0.1	A
quinclorac	Landscape maintenance	2.31	N/A	N/A	N/A
quinclorac, dimethylamine salt	Landscape maintenance	104.85	N/A	N/A	N/A
quinoxifen	Grape, wine	2,110.76	1,546	21,719.84	A
quinoxifen	Landscape maintenance	0.05	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
resmethrin	Grape, wine	<0.01	1	10.0	A
reynoutria sachalinensis	Grape, wine	1,575.47	900	7,660.51	A
rimsulfuron	Grape, wine	119.06	861	3,099.52	A
rimsulfuron	Landscape maintenance	0.02	N/A	N/A	N/A
rimsulfuron	Rights of way	1.0	N/A	N/A	N/A
sethoxydim	Grape, wine	28.9	61	164.61	A
silica aerogel	Public health	9.1	N/A	N/A	N/A
silica aerogel	Rights of way	0.08	N/A	N/A	N/A
silica aerogel	Structural pest control	8.98	N/A	N/A	N/A
silicone	Grape, wine	1.75	19	118.14	A
silicone defoamer	Structural pest control	0.01	N/A	N/A	N/A
silica filled polydimethylsiloxane	Forest, timberland	<0.01	13	28.2	A
silica filled polydimethylsiloxane	Grape, wine	3.41	97	1,625.02	A
silica filled polydimethylsiloxane	Landscape maintenance	<0.01	N/A	N/A	N/A
silica filled polydimethylsiloxane	Rights of way	0.09	N/A	N/A	N/A
simazine	Grape, wine	29.84	2	50.4	A
sodium bromide	Water (industrial)	258.95	N/A	7.0	A
sodium bromide	Water (industrial)	0.39	N/A	144.0	U
sodium carbonate peroxyhydrate	Water (industrial)	530.83	N/A	57.5	A
sodium carbonate peroxyhydrate	Water area	42.5	N/A	0.57	A
sodium carbonate peroxyhydrate	Water area	765.0	N/A	3,570.0	C
sodium decyl sulfate	Structural pest control	0.04	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
sodium diisooctylsulfosuccinate	Grape, wine	0.14	5	42.0	A
sodium dioctylsulfosuccinate	Grape, wine	1.52	15	44.0	A
sodium dioctylsulfosuccinate	Rights of way	<0.01	N/A	N/A	N/A
sodium hydroxide	Grape, wine	0.32	2	3.88	A
sodium hypochlorite	Grape, wine	3.0	9	43.5	A
sodium hypochlorite	Water (industrial)	184.77	N/A	8.0	A
sodium hypochlorite	Water (industrial)	0.29	N/A	144.0	U
sodium hypochlorite	Water systems - human potable/drinking	61.89	N/A	5.0	A
sodium lauroampho acetate	Structural pest control	0.03	N/A	N/A	N/A
sodium lauryl sulfate	Structural pest control	0.02	N/A	N/A	N/A
sodium metasilicate	Grape, wine	0.05	1	7.81	A
sodium tetraborate (pentahydrate)	Structural pest control	3.25	N/A	N/A	N/A
sodium xylene sulfonate	Structural pest control	0.09	N/A	N/A	N/A
sorbitan trioleate	Landscape maintenance	0.02	N/A	N/A	N/A
sorbitol	Grape, wine	7.18	1	38.0	A
spinosad	Grape, wine	5.49	48	215.27	A
spinosad	Landscape maintenance	0.2	N/A	N/A	N/A
spinosad	Olive	0.21	180	264.16	A
spinosad	Olive	0.12	58	10,529.0	U
spinosad	Plum	<0.01	1	0.24	A
spinosad	Public health	14.76	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
spinosad	Structural pest control	0.83	N/A	N/A	N/A
spinosad	Tomato	<0.01	1	0.1	A
spinosad	Vegetables, leafy	<0.01	2	0.1	A
spinosad	Water area	6.25	N/A	100.0	A
spirotetramat	Grape, wine	1,389.06	924	12,291.38	A
strychnine	Landscape maintenance	<0.01	N/A	N/A	N/A
sulfaquinoxaline	Landscape maintenance	<0.01	N/A	N/A	N/A
sulfentrazone	Landscape maintenance	11.42	N/A	N/A	N/A
sulfentrazone	Rights of way	0.21	N/A	N/A	N/A
sulfometuron-methyl	Grape, wine	0.23	1	3.0	A
sulfometuron-methyl	Landscape maintenance	13.64	N/A	N/A	N/A
sulfometuron-methyl	Rights of way	34.04	N/A	N/A	N/A
sulfur	Grape, wine	1,061,292.27	13,023	173,151.17	A
sulfur	Landscape maintenance	2.06	N/A	N/A	N/A
sulfur	Olive	7.5	6	1.0	A
sulfur	Tomato	0.4	1	0.1	A
sulfur dioxide	Commodity fumigation	544.31	N/A	N/A	N/A
sulfur dioxide	Food processing plant	391.0	N/A	396,400.0	C
sulfur dioxide	Fumigation, other	14,467.4	N/A	N/A	N/A
sulfur dioxide	Grape, wine	0.99	N/A	1.0	A
sulfur dioxide	Grape, wine	18.32	N/A	214.0	U

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
sulfur dioxide	Regulatory pest control	15.84	N/A	N/A	N/A
sulfur dioxide	Research commodity	1.5	N/A	N/A	N/A
sulfuryl fluoride	Structural pest control	1,771.97	N/A	N/A	N/A
tall oil	Grape, wine	12.66	44	680.09	A
tall oil fatty acids	Grape	0.05	1	0.46	A
tall oil fatty acids	Grape, wine	416.74	508	5,846.69	A
tall oil fatty acids	Landscape maintenance	2.73	N/A	N/A	N/A
tall oil fatty acids	Olive	<0.01	4	0.4	A
tall oil fatty acids	Pastureland	32.8	3	300.0	A
tall oil fatty acids	Wheat	4.98	1	260.0	A
tartrazine	Landscape maintenance	0.38	N/A	N/A	N/A
tartrazine	Rights of way	0.36	N/A	N/A	N/A
tartrazine	Water area	4.49	6	751.42	A
tartrazine	Water area	14.13	N/A	670.87	U
tebuconazole	Grape, wine	1,546.23	1,147	14,890.55	A
tebuconazole	Landscape maintenance	47.18	N/A	N/A	N/A
tebuthiuron	Rights of way	1.29	N/A	N/A	N/A
tetraconazole	Grape, wine	230.87	540	6,250.45	A
tetraconazole	Landscape maintenance	0.03	N/A	N/A	N/A
tetraconazole	Olive	0.02	1	0.5	A
z,e-9,12-tetradecadien-1-yl acetate	Structural pest control	<0.01	N/A	N/A	N/A
tetramethrin	Structural pest control	0.01	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	Structural pest control	0.35	N/A	N/A	N/A
tetrapotassium pyrophosphate	Structural pest control	0.05	N/A	N/A	N/A
thiamethoxam	Grape, wine	281.39	221	2,679.8	A
thiamethoxam	Structural pest control	0.12	N/A	N/A	N/A
thiophanate-methyl	Grape, wine	1,495.45	346	1,938.35	A
thiophanate-methyl	Landscape maintenance	9.22	N/A	N/A	N/A
thiophanate-methyl	Structural pest control	20.16	N/A	N/A	N/A
thyme oil	Structural pest control	<0.01	N/A	N/A	N/A
thymol	Structural pest control	0.27	N/A	N/A	N/A
triadimefon	Landscape maintenance	15.12	N/A	N/A	N/A
trichoderma icc 012 asperellum	Grape, wine	0.64	3	48.01	A
trichoderma icc 080 gamsii	Grape, wine	0.64	3	48.01	A
triclopyr, butoxyethyl ester	Landscape maintenance	8,089.31	N/A	N/A	N/A
triclopyr, butoxyethyl ester	Rights of way	54.11	N/A	N/A	N/A
triclopyr choline	Forest, timberland	2.01	3	4.0	A
triclopyr choline	Landscape maintenance	141.6	N/A	N/A	N/A
triclopyr choline	Rights of way	1.11	N/A	N/A	N/A
triclopyr choline	Uncultivated ag	55.8	N/A	4.0	A
triclopyr, triethylamine salt	Forest, timberland	63.8	N/A	18,600.0	U

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
triclopyr, triethylamine salt	Landscape maintenance	0.01	N/A	N/A	N/A
triclopyr, triethylamine salt	Rights of way	36.3	N/A	N/A	N/A
triclopyr, triethylamine salt	Water area	3.85	N/A	3.45	A
triethanolamine	Structural pest control	0.12	N/A	N/A	N/A
trifloxystrobin	Grape, wine	541.06	505	5,563.25	A
trifloxystrobin	Landscape maintenance	3.58	N/A	N/A	N/A
triflumizole	Grape, wine	311.1	96	1,392.17	A
trifluralin	Landscape maintenance	13.09	N/A	N/A	N/A
triforine	Landscape maintenance	1.06	N/A	N/A	N/A
alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	Grape, wine	54.48	56	601.08	A
alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	Landscape maintenance	0.17	N/A	N/A	N/A
trinexapac-ethyl	Landscape maintenance	74.08	N/A	N/A	N/A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Grape, wine	11.42	5	107.55	A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Rights of way	16.53	N/A	N/A	N/A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Water (industrial)	0.09	N/A	5.0	A
vinyl ester polymer	Rights of way	0.02	N/A	N/A	N/A
warfarin	Landscape maintenance	<0.01	N/A	N/A	N/A
xanthan gum	Grape, wine	7.17	1	38.0	A
yucca schidigera	Grape, wine	2.62	4	43.0	A
zinc phosphide	Landscape maintenance	0.41	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
zinc phosphide	Structural pest control	<0.01	N/A	N/A	N/A
ziram	Peach	0.38	1	1.0	A