

2019 Annual Statewide Pesticide Use Report Indexed by Chemical MENDOCINO 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	14.94	43	884.76	A
abamectin	Landscape maintenance	<0.01	N/A	N/A	N/A
abamectin	Pear	25.53	28	1,067.0	A
abamectin	Strawberry	0.15	2	12.0	A
abamectin	Structural pest control	0.04	N/A	N/A	N/A
acephate	Structural pest control	0.17	N/A	N/A	N/A
acetamiprid	Grape, wine	19.89	6	213.5	A
acetamiprid	N-grnhs plants in containers	0.15	2	34,000.0	S
acetamiprid	Structural pest control	0.07	N/A	N/A	N/A
acid blue 9, diammonium salt	Water area	6.98	1	20.0	A
acid blue 9, diammonium salt	Water area	11.63	1	5.0	U
alcohols, c12 - c13, ethoxylated	Grape, wine	7.25	4	40.5	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
alpha-alkylaryl-omega-hydroxypoly(oxyethylene)	Grape, wine	6.83	7	166.0	A
alkyl (50% c14 , 40% c12 , 10% c16) dimethylbenzyl ammonium chloride	Animal premise	0.04	N/A	9,000.0	S
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)	Forest, timberland	15.03	4	112.0	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Grape, wine	1,060.78	552	10,102.19	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Pear	21.81	10	186.6	A
alpha-alkyl (c9-c16)-omega-hydroxypoly(oxyethylene)	Grape, wine	18.68	25	296.06	A
alpha-pinene beta-pinene copolymer	Grape, wine	30.71	7	252.25	A
alkyl (c8,c10) polyglucoside	Grape, wine	585.09	247	1,754.86	A
alkyl (c8,c10) polyglucoside	Landscape maintenance	3.97	N/A	N/A	N/A
alkyl (c8,c10) polyglucoside	Pear	11.0	4	41.2	A
alkyl (c8,c10) polyglucoside	Rights of way	15.08	N/A	N/A	N/A
d-allethrin	Structural pest control	<0.01	N/A	N/A	N/A
d-allethrin, other related	Structural pest control	<0.01	N/A	N/A	N/A
d-trans allethrin	Structural pest control	0.04	N/A	N/A	N/A
allyloxypolyethylene glycol acetate	Forest, timberland	2.0	1	78.13	A
allyloxypolyethylene glycol acetate	Rights of way	0.1	N/A	N/A	N/A
aluminum sulfate	Grape, wine	1,172.22	47	586.11	A
aminocyclopyrachlor, potassium salt	Industrial site	0.99	N/A	7.13	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
aminocyclopyrachlor, potassium salt	Rights of way	0.24	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Landscape maintenance	1.21	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Rangeland	138.82	1	6.0	A
aminopyralid, triisopropanolamine salt	Rights of way	17.71	N/A	N/A	N/A
4-aminopyridine	Structural pest control	0.06	N/A	N/A	N/A
ammonium nitrate	Forest, timberland	1.94	4	112.0	A
ammonium nitrate	Grape, wine	803.84	354	2,866.91	A
ammonium nitrate	Landscape maintenance	1.89	N/A	N/A	N/A
ammonium nitrate	Pear	5.24	4	41.2	A
ammonium nitrate	Rights of way	7.18	N/A	N/A	N/A
ammonium propionate	Grape, wine	74.93	49	286.82	A
ammonium propionate	Pear	14.31	7	70.42	A
ammonium sulfate	Forest, timberland	48.0	4	112.0	A
ammonium sulfate	Grape, wine	936.42	340	3,041.59	A
ammonium sulfate	Grape, wine	0.48	2	10,530.0	S
ammonium sulfate	Landscape maintenance	3.78	N/A	N/A	N/A
ammonium sulfate	Pear	16.88	13	128.17	A
ammonium sulfate	Rights of way	14.36	N/A	N/A	N/A
atrazine	Forest, timberland	7.81	1	10.0	A
atrazine, other related	Forest, timberland	0.15	1	10.0	A
azadirachtin	Cannabis (all or unspecified)	0.37	55	80,850.0	S
azadirachtin	Grape, wine	2.66	1	109.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
azadirachtin	Landscape maintenance	0.02	N/A	N/A	N/A
azoxystrobin	Golf course turf	1.78	N/A	3.0	A
azoxystrobin	Golf course turf	1.33	N/A	251,000.0	S
azoxystrobin	Grape, wine	352.41	104	1,721.73	A
bacillus amyloliquefaciens strain d747	Grape, wine	1,080.27	4	202.48	A
bacillus pumilus, strain qst 2808	Grape, wine	19.67	13	249.17	A
bacillus amyloliquefaciens strain mbi 600	Grape, wine	2.86	2	52.0	A
bacillus subtilis strain iab/bs03	Cannabis (all or unspecified)	0.01	8	19,200.0	S
bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	N-outdr plants in containers	0.03	3	80.0	S
beauveria bassiana strain gha	Cannabis (all or unspecified)	1.87	19	59,000.0	S
benzoic acid	Forest, timberland	7.81	50	1,324.2	A
benzoic acid	Grape, wine	7.0	182	1,398.16	A
benzoic acid	Rights of way	0.08	N/A	N/A	N/A
n6-benzyl adenine	Pear	67.86	16	555.0	A
bifenazate	Grape, wine	362.93	18	936.69	A
bifenazate	Pear	34.38	2	89.0	A
bifenthrin	Structural pest control	20.68	N/A	N/A	N/A
n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	Grape, wine	0.29	1	80.0	A
borax	Rights of way	10,780.82	N/A	N/A	N/A
borax	Structural pest control	2.84	N/A	N/A	N/A
boric acid	Grape, wine	44.16	5	34.5	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
boric acid	Structural pest control	46.46	N/A	N/A	N/A
boscalid	Grape, wine	629.21	102	2,313.16	A
brodifacoum	Structural pest control	0.01	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	0.05	N/A	N/A	N/A
bromadiolone	Vertebrate control	<0.01	N/A	N/A	N/A
bromethalin	Structural pest control	<0.01	N/A	N/A	N/A
1-bromo-3-chloro-5,5-dimethyl hydantoin	Landscape maintenance	27.1	N/A	N/A	N/A
1-bromo-3-chloro-5,5-dimethyl hydantoin	Water (industrial)	27.1	N/A	1.0	A
burkholderia sp strain a396 cells and fermentation media	Cannabis (all or unspecified)	72.39	19	94,280.0	S
burkholderia sp strain a396 cells and fermentation media	Grape, wine	173.11	1	109.0	A
butyl alcohol	Grape, wine	106.76	34	816.63	A
butyl lactate	Grape, wine	25.89	72	911.94	A
butyl lactate	Grape, wine	0.03	2	10,530.0	S
cadmium chloride	Golf course turf	0.15	N/A	4,000.0	S
calcium chloride	Grape, wine	3.66	5	75.82	A
calcium hydroxide	Pear	137.25	10	152.5	A
capric acid	Grape, wine	99.83	6	45.43	A
capric acid	Grape, wine	1.01	2	4,860.0	S
caprylic acid	Grape, wine	146.62	6	45.43	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
caprylic acid	Grape, wine	1.48	2	4,860.0	S
carbaryl	Golf course turf	24.0	N/A	2.0	A
carbaryl	Golf course turf	5.6	N/A	30,000.0	S
carbo methoxy ether cellulose, sodium salt	Grape, wine	1.07	11	519.32	A
carfentrazone-ethyl	Golf course turf	0.07	N/A	30,000.0	S
carfentrazone-ethyl	Grape, wine	12.82	151	812.9	A
carfentrazone-ethyl	Landscape maintenance	0.04	N/A	N/A	N/A
carfentrazone-ethyl	Turf/sod	0.06	N/A	27,000.0	S
castor oil ethoxylate	Grape, wine	28.27	17	387.84	A
chlorantraniliprole	Pear	24.63	7	278.0	A
chlorantraniliprole	Structural pest control	1.22	N/A	N/A	N/A
chlorfenapyr	Structural pest control	9.34	N/A	N/A	N/A
chlormequat chloride	N-grnhs plants in containers	0.05	18	4,900.0	S
5-chloro-2-methyl-4-isothiazolin-3-one	Lumber, treated	4,105.17	N/A	8,488.13	K
chlorothalonil	Turf/sod	20.25	N/A	120,000.0	S
chlorpyrifos	Rights of way	16.85	N/A	N/A	N/A
chlorpyrifos	Structural pest control	0.01	N/A	N/A	N/A
chlorsulfuron	Industrial site	0.44	N/A	7.13	A
chlorsulfuron	Landscape maintenance	0.21	N/A	N/A	N/A
chlorsulfuron	Rights of way	0.24	N/A	N/A	N/A
cholecalciferol	Structural pest control	0.5	N/A	N/A	N/A
chromobacterium subtsugae strain praa4-1	Cannabis (all or unspecified)	6.84	15	55,640.0	S
chromobacterium subtsugae strain praa4-1	Grape, wine	67.5	1	149.75	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
citric acid	Grape, wine	180.26	67	540.83	A
citric acid	Grape, wine	0.01	2	10,530.0	S
citric acid	Pear	7.53	9	86.97	A
clarified hydrophobic extract of neem oil	Cannabis (all or unspecified)	12.95	50	132,725.0	S
clarified hydrophobic extract of neem oil	N-outdr plants in containers	0.55	9	1,800.0	S
clethodim	Alfalfa	7.26	1	60.0	A
clopyralid, monoethanolamine salt	Forest, timberland	7.99	2	13.5	A
clopyralid, monoethanolamine salt	Golf course turf	0.23	N/A	105,000.0	S
clopyralid, monoethanolamine salt	Rangeland	0.49	1	1.0	A
clopyralid, monoethanolamine salt	Rights of way	0.06	N/A	N/A	N/A
clopyralid, monoethanolamine salt	Turf/sod	0.19	N/A	27,000.0	S
clothianidin	Structural pest control	0.03	N/A	N/A	N/A
codling moth granulosis virus	Apple	<0.01	2	4.0	A
codling moth granulosis virus	Pear	<0.01	2	20.0	A
copper ethanolamine complexes, mixed	Lumber, treated	1,340,276.16	N/A	8,488.13	K
copper ethylenediamine complex	Rights of way	402.44	N/A	N/A	N/A
copper hydroxide	Grape, wine	3,291.63	286	8,091.83	A
copper hydroxide	Olive	5.48	3	9.0	A
copper hydroxide	Peach	3.95	11	4.75	A
copper hydroxide	Pear	283.13	25	486.75	A
copper hydroxide	Rights of way	768.29	N/A	N/A	N/A
copper hydroxide	Structural pest control	<0.01	N/A	N/A	N/A
copper naphthenate	Structural pest control	2.04	N/A	N/A	N/A
copper oxide (ous)	Grape, wine	421.66	25	461.07	A
copper oxychloride	Grape, wine	2,960.92	261	6,208.83	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
copper oxychloride	Olive	6.07	3	9.0	A
copper oxychloride	Peach	3.08	10	3.75	A
copper oxychloride	Pear	717.62	36	778.75	A
copper sulfate (basic)	Grape, wine	377.37	14	558.5	A
copper sulfate (basic)	Pear	73.57	11	292.0	A
copper sulfate (pentahydrate)	Grape, wine	49.5	1	2.0	A
copper sulfate (pentahydrate)	Olive	0.25	1	3.0	A
copper sulfate (pentahydrate)	Peach	0.25	1	0.5	A
copper sulfate (pentahydrate)	Water area	965.25	6	93.0	A
copper triethanolamine complex	Rights of way	454.27	N/A	N/A	N/A
cyflufenamid	Grape, wine	90.87	164	3,952.77	A
cyflumetofen	Grape, wine	69.75	17	379.57	A
cyflumetofen	Pear	130.99	21	719.5	A
cyfluthrin	Structural pest control	0.02	N/A	N/A	N/A
beta-cyfluthrin	Structural pest control	6.79	N/A	N/A	N/A
cypermethrin	Structural pest control	78.43	N/A	N/A	N/A
(s)-cypermethrin	Rights of way	<0.01	N/A	N/A	N/A
(s)-cypermethrin	Structural pest control	0.29	N/A	N/A	N/A
cyprodinil	Grape, wine	946.97	264	5,862.9	A
cyprodinil	Pear	213.06	49	2,208.5	A
2,4-d	Landscape maintenance	0.18	N/A	N/A	N/A
2,4-d, dimethylamine salt	Grape, wine	8.21	2	45.7	A
2,4-d, dimethylamine salt	Pastureland	15.26	2	28.0	A
2,4-d, dimethylamine salt	Rights of way	0.03	N/A	N/A	N/A
2,4-d, 2-ethylhexyl ester	Landscape maintenance	1.08	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
daminozide	N-grnhs plants in containers	0.93	40	11,800.0	S
decyl phenoxy benzene disulfonic acid, disodium salt	Grape, wine	0.03	2	10,530.0	S
deltamethrin	Structural pest control	47.76	N/A	N/A	N/A
diatomaceous earth	Structural pest control	0.81	N/A	N/A	N/A
diazinon	Pear	187.5	1	150.0	A
dicamba	Grape, wine	0.14	1	24.7	A
dicamba	Landscape maintenance	10.9	N/A	N/A	N/A
dicamba, dimethylamine salt	Grape, wine	0.76	1	21.0	A
dicamba, dimethylamine salt	Rights of way	0.11	N/A	N/A	N/A
dichlobenil	Grape, wine	9.0	2	1.5	A
dichlobenil	Pear	5.94	1	14.0	A
1,3-dichloro-5,5-dimethylhydantoin	Landscape maintenance	14.45	N/A	N/A	N/A
1,3-dichloro-5,5-dimethylhydantoin	Water (industrial)	14.45	N/A	1.0	A
1,3-dichloro-5-ethyl-5-methylhydantoin	Landscape maintenance	7.95	N/A	N/A	N/A
1,3-dichloro-5-ethyl-5-methylhydantoin	Water (industrial)	7.95	N/A	1.0	A
didecyl dimethyl ammonium chloride	Animal premise	0.02	N/A	9,000.0	S
diethylene glycol	Grape, wine	74.01	28	616.64	A
diethylene glycol	Landscape maintenance	0.24	N/A	N/A	N/A
diethylene glycol	Pear	8.2	1	70.0	A
diethylene glycol	Rights of way	0.01	N/A	N/A	N/A
difenoconazole	Grape, wine	348.17	304	5,759.01	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
difenoconazole	Pear	8.54	25	1,198.5	A
difethialone	Structural pest control	<0.01	N/A	N/A	N/A
diflubenzuron	Pear	1.9	1	10.0	A
diiodomethyl p-tolyl sulfone	Lumber, treated	355.02	N/A	7,189.21	K
dikegulac sodium	Landscape maintenance	0.12	N/A	N/A	N/A
dimethyl alkyl tertiary amines	Forest, timberland	8.54	50	1,324.2	A
dimethyl alkyl tertiary amines	Grape, wine	7.65	182	1,398.16	A
dimethyl alkyl tertiary amines	Rights of way	0.09	N/A	N/A	N/A
3,7-dimethyl-6-octen-1-ol	Grape, wine	12.62	30	747.79	A
dimethylpolysiloxane	Cannabis (all or unspecified)	0.24	59	64,800.0	S
dimethylpolysiloxane	Grape, wine	125.21	423	5,354.22	A
dimethylpolysiloxane	Landscape maintenance	0.01	N/A	N/A	N/A
dimethylpolysiloxane	Pear	0.44	6	171.2	A
dimethylpolysiloxane	Rights of way	0.01	N/A	N/A	N/A
dimethyl silicone fluid emulsion	Grape, wine	0.95	11	225.45	A
dinotefuran	Grape, wine	15.39	1	67.54	A
dinotefuran	N-grnhs plants in containers	0.2	2	34,000.0	S
dinotefuran	Structural pest control	1.78	N/A	N/A	N/A
diphacinone	Structural pest control	<0.01	N/A	N/A	N/A
diquat dibromide	Landscape maintenance	1.38	N/A	N/A	N/A
diquat dibromide	Rights of way	0.33	N/A	N/A	N/A
diquat dibromide	Water area	186.46	1	25.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
diquat dibromide	Water area	5.59	1	43,560.0	C
disodium octaborate anhydrous	Rights of way	1.09	N/A	N/A	N/A
disodium octaborate tetrahydrate	Structural pest control	2,319.77	N/A	N/A	N/A
dithiopyr	Landscape maintenance	8.6	N/A	N/A	N/A
diuron	Landscape maintenance	1.88	N/A	N/A	N/A
diuron	Pear	90.51	3	46.0	A
diuron	Rights of way	2.4	N/A	N/A	N/A
diuron	Uncultivated non-ag	0.2	1	3,580.0	S
e,e-8,10-dodecadien-1-ol	Apple	0.1	1	2.0	A
e,e-8,10-dodecadien-1-ol	Pear	51.62	13	594.0	A
z-8-dodecenol	Pear	0.34	5	306.0	A
e-8-dodecenyl acetate	Pear	2.03	5	306.0	A
z-8-dodecenyl acetate	Pear	31.24	5	306.0	A
alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	Grape, wine	1.35	8	177.25	A
dodine	Pear	657.8	16	506.0	A
endosulfan	Structural pest control	15.17	N/A	N/A	N/A
esfenvalerate	Pear	40.36	15	592.0	A
esfenvalerate	Structural pest control	1,343.25	N/A	N/A	N/A
etofenprox	Structural pest control	0.15	N/A	N/A	N/A
etoxazole	Grape, wine	72.24	15	543.81	A
etoxazole	Pear	16.33	5	121.0	A
farnesol	Grape, wine	5.05	30	747.79	A
fatty acids, methyl esters	Grape, wine	401.66	42	512.88	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
fatty acids, methyl esters	Pear	7.09	2	16.55	A
fatty acids, mixed	Grape, wine	143.1	100	1,549.09	A
fatty acids, mixed	Landscape maintenance	0.43	N/A	N/A	N/A
fatty acids, mixed	Pear	15.73	6	168.0	A
fatty acids, mixed	Rangeland	0.01	4	2.4	A
fatty acids, mixed	Rights of way	0.04	N/A	N/A	N/A
fatty acids, mixed	Uncultivated non-ag	0.01	1	10.0	A
fatty acids, c16-18 and c18-unsaturated, branched and linear	Grape, wine	0.79	36	506.57	A
fenhexamid	Grape, wine	1,156.5	100	2,389.28	A
fenpyroximate	Grape, wine	0.24	1	2.25	A
fipronil	Structural pest control	81.44	N/A	N/A	N/A
flazasulfuron	Grape, wine	10.4	66	293.35	A
fluazifop-p-butyl	Grape, wine	22.77	24	61.53	A
fluazifop-p-butyl	Rights of way	0.16	N/A	N/A	N/A
fludioxonil	Grape, wine	10.16	8	46.44	A
flumioxazin	Grape, wine	623.27	331	3,036.35	A
flumioxazin	Grape, wine	0.02	1	810.0	S
flumioxazin	Pear	13.12	4	108.5	A
flumioxazin	Uncultivated non-ag	0.64	1	10.0	A
fluopyram	Grape, wine	306.01	146	2,900.56	A
flutriafol	Grape, wine	139.76	82	1,719.61	A
fluxapyroxad	Grape, wine	7.43	1	90.35	A
fosetyl-al	Pear	56.0	1	14.0	A
gamma-cyhalothrin	Structural pest control	0.01	N/A	N/A	N/A
garlic	Grape, wine	10.21	1	23.2	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
geraniol	Grape, wine	12.62	30	747.79	A
glufosinate-ammonium	Grape, wine	2,650.46	330	3,257.98	A
glufosinate-ammonium	Grape, wine	0.09	2	3,240.0	S
glufosinate-ammonium	Industrial site	3.82	N/A	7.13	A
glufosinate-ammonium	Pear	102.65	10	133.96	A
glufosinate-ammonium	Rights of way	0.54	N/A	N/A	N/A
glutaraldehyde	Animal premise	0.03	N/A	9,000.0	S
glycerol	Grape, wine	36.01	44	634.26	A
glycerol	Pear	2.07	2	16.55	A
glyphosate, dimethylamine salt	Forest, timberland	58.24	4	60.9	A
glyphosate, dimethylamine salt	Rights of way	38.95	N/A	N/A	N/A
glyphosate, isopropylamine salt	Forest, timberland	988.62	44	927.78	A
glyphosate, isopropylamine salt	Golf course turf	0.37	N/A	4,000.0	S
glyphosate, isopropylamine salt	Grape, wine	1,932.27	126	1,365.8	A
glyphosate, isopropylamine salt	Landscape maintenance	142.37	N/A	N/A	N/A
glyphosate, isopropylamine salt	Olive	6.0	1	3.0	A
glyphosate, isopropylamine salt	Pear	328.75	6	336.5	A
glyphosate, isopropylamine salt	Rights of way	18.47	4	9.5	A
glyphosate, isopropylamine salt	Rights of way	343.51	N/A	N/A	N/A
glyphosate, isopropylamine salt	Strawberry	7.49	1	6.0	A
glyphosate, isopropylamine salt	Uncultivated non-ag	135.32	2	20.0	A
glyphosate, potassium salt	Alfalfa	11.03	1	60.0	A
glyphosate, potassium salt	Grape, wine	12,537.7	486	6,830.68	A
glyphosate, potassium salt	Grape, wine	0.3	2	7,290.0	S
glyphosate, potassium salt	Landscape maintenance	83.03	N/A	N/A	N/A
glyphosate, potassium salt	Peach	1.27	2	0.35	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
glyphosate, potassium salt	Pear	941.28	23	608.21	A
glyphosate, potassium salt	Rangeland	3.27	10	9.4	A
glyphosate, potassium salt	Rights of way	1.72	N/A	N/A	N/A
heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	Grape, wine	1.44	21	170.13	A
heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	Rights of way	0.67	N/A	N/A	N/A
hydramethylnon	Structural pest control	<0.01	N/A	N/A	N/A
hydrogen peroxide	Grape, wine	198.7	8	92.45	A
hydrogen peroxide	Uncultivated ag	0.02	1	500.0	S
hydroprene	Structural pest control	1.93	N/A	N/A	N/A
hydrotreated paraffinic solvent	Grape, wine	76.84	102	1,649.3	A
hydrotreated paraffinic solvent	Pear	63.3	18	640.0	A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Forest, timberland	6.93	1	78.13	A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Grape, wine	720.13	149	3,050.8	A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Rights of way	0.33	N/A	N/A	N/A
iba	N-outdr plants in containers	<0.01	26	2,010.0	U
imazapyr, isopropylamine salt	Forest, timberland	3,854.86	194	6,185.45	A
imazapyr, isopropylamine salt	Landscape maintenance	1.54	N/A	N/A	N/A
imazapyr, isopropylamine salt	Rights of way	47.41	N/A	N/A	N/A
imidacloprid	Grape, wine	346.5	113	3,095.17	A
imidacloprid	N-grnhs plants in containers	0.01	1	400.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
imidacloprid	Structural pest control	67.04	N/A	N/A	N/A
indaziflam	Grape, wine	79.4	124	1,946.52	A
indaziflam	Industrial site	0.64	N/A	7.13	A
indaziflam	Pear	12.93	13	257.8	A
indaziflam	Rights of way	0.24	N/A	N/A	N/A
indoxacarb	Structural pest control	2.51	N/A	N/A	N/A
3-iodo-2-propynyl butylcarbamate	Lumber, treated	1,301.75	N/A	7,189.21	K
iron phosphate	Landscape maintenance	21.0	N/A	N/A	N/A
iron phosphate	Structural pest control	0.01	N/A	N/A	N/A
isopropyl alcohol	Grape, wine	0.96	5	35.64	A
isopropyl alcohol	Pear	5.12	1	60.0	A
isoxaben	Grape, wine	100.94	11	150.74	A
isoxaben	Landscape maintenance	3.28	N/A	N/A	N/A
kaolin	Grape, wine	10,945.33	48	467.46	A
kaolin	Olive	17.81	1	1.5	A
kasugamycin hydrochloride	Pear	23.61	6	244.0	A
kresoxim-methyl	Grape, wine	197.3	47	1,242.53	A
lambda-cyhalothrin	Structural pest control	0.29	N/A	N/A	N/A
lauryl alcohol	Apple	0.06	1	2.0	A
lauryl alcohol	Pear	15.95	11	344.0	A
lecithin	Grape, wine	903.64	240	2,766.82	A
lecithin	Industrial site	3.56	N/A	7.13	A
lecithin	Pear	26.11	5	98.0	A
lecithin	Rangeland	0.31	4	2.4	A
lecithin	Rights of way	1.45	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
lecithin	Uncultivated non-ag	0.28	1	10.0	A
lime-sulfur	Apple	267.37	3	33.0	A
lime-sulfur	Grape, wine	351.75	4	25.5	A
lime-sulfur	Pear	11,558.19	14	348.0	A
limonene	Structural pest control	14.3	N/A	N/A	N/A
malathion	Peas	28.62	2	28.0	A
mancozeb	Grape, wine	796.5	5	237.0	A
mancozeb	Pear	10,569.75	72	2,848.5	A
mcpp	Landscape maintenance	0.08	N/A	N/A	N/A
mcpp-p, dimethylamine salt	Grape, wine	1.65	1	21.0	A
mecoprop-p	Landscape maintenance	0.24	N/A	N/A	N/A
mefenoxam	N-grnhs plants in containers	0.15	18	8,400.0	S
metaldehyde	N-grnhs plants in containers	0.02	49	607.11	S
metaldehyde	N-outdr plants in containers	0.08	106	2,715.18	S
metam-sodium	Rights of way	3,216.96	N/A	N/A	N/A
metarhizium anisopliae strain f52	Cannabis (all or unspecified)	0.02	1	7,000.0	S
methoprene	Structural pest control	<0.01	N/A	N/A	N/A
s-methoprene	Structural pest control	0.03	N/A	N/A	N/A
methoxyfenozide	Grape, wine	39.94	5	141.5	A
methoxyfenozide	Pear	88.26	12	342.5	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
methylated soybean oil	Forest, timberland	8,593.14	171	4,213.95	A
methylated soybean oil	Grape, wine	1,507.53	453	3,697.8	A
methylated soybean oil	Industrial site	1.78	N/A	7.13	A
methylated soybean oil	Rights of way	592.12	N/A	N/A	N/A
2-methyl-4-isothiazolin-3-one	Lumber, treated	1,460.49	N/A	8,488.13	K
methyl silicone resins	Grape, wine	12.0	8	82.25	A
metofluthrin	Structural pest control	<0.01	N/A	N/A	N/A
metrafenone	Grape, wine	1,076.47	183	3,901.87	A
mineral oil	Apple	311.35	9	44.0	A
mineral oil	Cannabis (all or unspecified)	42.31	28	84,600.0	S
mineral oil	Grape, wine	40,907.74	304	6,068.48	A
mineral oil	Industrial hemp	1.94	2	3,000.0	S
mineral oil	Peach	10.56	4	1.5	A
mineral oil	Pear	78,931.69	65	2,684.5	A
mineral oil	Rights of way	1.95	N/A	N/A	N/A
modified phthalic glycerol alkyd resin	Grape, wine	12.7	6	150.9	A
modified phthalic glycerol alkyd resin	Pear	12.73	1	100.0	A
muscalure	Structural pest control	<0.01	N/A	N/A	N/A
myclobutanil	Grape, wine	404.14	102	4,113.47	A
myristyl alcohol	Apple	0.01	1	2.0	A
myristyl alcohol	Pear	3.24	11	344.0	A
myrothecium verrucaria, dried fermentation solids & solubles, strain aarc-0255	Grape, wine	190.49	2	21.17	A
naa, ammonium salt	Pear	74.23	20	860.0	A
naa, potassium salt	Pear	26.04	9	237.5	A
nerolidol	Grape, wine	12.62	30	747.79	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
4-nonylphenol, formaldehyde resin, propoxylated	Grape, wine	261.63	119	2,037.14	A
4-nonylphenol, formaldehyde resin, propoxylated	Pear	189.89	18	640.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Forest, timberland	1,476.58	121	2,889.75	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Grape, wine	1,739.1	366	6,115.64	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	1.08	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Pear	342.21	34	1,042.55	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Rangeland	0.08	4	2.4	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Rights of way	78.38	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Uncultivated non-ag	0.08	1	10.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	Grape, wine	0.23	4	6.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	Grape, wine	429.8	198	1,741.13	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	Pear	10.38	7	70.42	A
novaluron	Structural pest control	0.09	N/A	N/A	N/A
octhilinone	Lumber, treated	27,088.51	N/A	8,488.13	K
n-octyl bicycloheptene dicarboximide	Structural pest control	1.29	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
oleic acid, ethyl ester	Grape, wine	32.62	5	67.75	A
oleic acid, methyl ester	Forest, timberland	27.34	1	78.13	A
oleic acid, methyl ester	Grape, wine	88.5	26	301.26	A
oleic acid, methyl ester	Rights of way	1.31	N/A	N/A	N/A
oryzalin	Rights of way	4.16	N/A	N/A	N/A
oxadiazon	Landscape maintenance	4.0	N/A	N/A	N/A
oxyfluorfen	Grape, wine	670.9	94	3,697.14	A
oxyfluorfen	Pear	16.97	3	112.0	A
oxytetracycline, calcium complex	Pear	311.12	37	2,508.5	A
oxytetracycline hydrochloride	Pear	247.23	57	1,696.0	A
oxytetracycline hydrochloride, other related	Pear	2.3	57	1,696.0	A
paecilomyces fumosoroseus apopka strain 97	Cannabis (all or unspecified)	0.14	25	32,000.0	S
paraquat dichloride	Grape, wine	51.58	6	88.6	A
pcnb	Turf/sod	15.75	N/A	45,000.0	S
pendimethalin	Grape, wine	345.94	29	219.59	A
pendimethalin	Pear	41.33	1	10.91	A
penthiopyrad	Pear	18.22	1	70.0	A
permethrin	Structural pest control	4.38	N/A	N/A	N/A
permethrin, other related	Structural pest control	<0.01	N/A	N/A	N/A
peroxyacetic acid	Grape, wine	14.66	8	92.45	A
peroxyacetic acid	Uncultivated ag	<0.01	1	500.0	S
petroleum distillates	Landscape maintenance	1.82	N/A	N/A	N/A
petroleum distillates	Structural pest control	1.05	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
petroleum distillates, aromatic	Structural pest control	<0.01	N/A	N/A	N/A
petroleum distillates, refined	Grape, wine	43,299.78	237	4,474.1	A
petroleum oil, unclassified	Grape, wine	1,089.85	7	296.59	A
petroleum oil, unclassified	Pear	131.75	1	150.0	A
phenothrin	Structural pest control	0.13	N/A	N/A	N/A
phenothrin, other related	Structural pest control	<0.01	N/A	N/A	N/A
phenylethyl propionate	Structural pest control	0.02	N/A	N/A	N/A
phosphoric acid	Grape, wine	3.6	8	127.69	A
phosphoric acid	Pear	0.64	2	16.55	A
piperonyl butoxide	Structural pest control	1,712.76	N/A	N/A	N/A
piperonyl butoxide, other related	Structural pest control	6.73	N/A	N/A	N/A
polyacrylamide polymer	Grape, wine	1.16	8	127.69	A
polyacrylamide polymer	Pear	0.21	2	16.55	A
polyalkene oxide modified heptamethyl trisiloxane	Forest, timberland	7.07	23	278.4	A
polyalkene oxide modified heptamethyl trisiloxane	Grape, wine	1.78	1	60.37	A
polyalkyleneoxide modified polydimethyl-siloxane	Grape, wine	63.29	23	353.5	A
polyalkyleneoxide modified polydimethyl-siloxane	Pear	49.4	9	209.0	A
polyether modified polysiloxane	Grape, wine	926.99	273	7,466.47	A
polyether modified polysiloxane	Pear	190.87	26	1,305.0	A
polyethoxylated castor oil	Grape, wine	182.9	82	339.03	A
polyethylene glycol	Grape, wine	86.28	37	521.35	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
polyethylene glycol	Pear	44.72	8	218.0	A
polyethylene glycol	Rights of way	0.96	N/A	N/A	N/A
polyethylene glycol diacetate	Forest, timberland	0.18	1	78.13	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	61.59	18	401.0	A
polyethylene glycol stearate	Grape, wine	8.15	5	67.75	A
poly-i-para-menthene	Grape, wine	24.79	5	47.5	A
polymerized pinene	Grape, wine	0.85	2	5.0	A
polyoxin d, zinc salt	Grape, wine	11.95	11	273.85	A
poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	Grape, wine	18.76	82	339.03	A
polyoxyethylene polyoxypropylene	Cannabis (all or unspecified)	0.77	50	55,300.0	S
poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	Grape, wine	2.28	8	82.25	A
polyoxyethylene sorbitan monolaurate	Grape, wine	227.68	72	911.94	A
polyoxyethylene sorbitan monolaurate	Grape, wine	0.26	2	10,530.0	S
potash soap	Cannabis (all or unspecified)	84.48	76	99,900.0	S
potash soap	Industrial hemp	2.77	2	3,000.0	S
potash soap	N-grnhs plants in containers	0.23	52	369.72	S
potash soap	N-outdr plants in containers	0.02	4	717.7	S
potassium bicarbonate	Apple	65.54	8	36.0	A
potassium bicarbonate	Grape, wine	3,247.15	72	1,099.91	A
potassium peroxymonosulfate	Grape, wine	3.53	1	7.3	A
potassium phosphite	Grape, wine	621.9	12	265.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
prallethrin	Structural pest control	335.85	N/A	N/A	N/A
prometon	Structural pest control	43.02	N/A	N/A	N/A
propiconazole	Golf course turf	1.46	N/A	1.0	A
propiconazole	Golf course turf	2.69	N/A	237,000.0	S
propiconazole	Lumber, treated	10,828.59	N/A	15,677.34	K
propiconazole	Turf/sod	1.3	N/A	45,000.0	S
propionic acid	Grape, wine	95.33	65	866.45	A
propionic acid	Pear	26.11	5	98.0	A
propionic acid	Rangeland	0.31	4	2.4	A
propionic acid	Rights of way	0.28	N/A	N/A	N/A
propionic acid	Uncultivated non-ag	0.28	1	10.0	A
propylene glycol	Grape, wine	11.48	10	263.77	A
pyraclostrobin	Grape, wine	327.03	103	2,403.51	A
pyraflufen-ethyl	Grape, wine	0.54	18	301.47	A
pyrethrins	Grape, wine	20.17	24	734.2	A
pyrethrins	Structural pest control	7.87	N/A	N/A	N/A
pyrimethanil	Grape, wine	298.46	65	811.25	A
pyriofenone	Grape, wine	76.99	51	827.72	A
pyriproxifen	Structural pest control	0.28	N/A	N/A	N/A
qst 713 strain of dried bacillus subtilis	Cannabis (all or unspecified)	0.85	13	33,600.0	S
qst 713 strain of dried bacillus subtilis	Grape, wine	644.6	121	1,984.09	A
quillaja	Grape, wine	2.19	11	519.32	A
quinclorac	Grape, wine	0.85	1	24.7	A
quinclorac	Rights of way	0.01	N/A	N/A	N/A
quinoxifen	Grape, wine	554.37	268	5,840.68	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
reynoutria sachalinensis	Cannabis (all or unspecified)	2.23	27	109,420.0	S
reynoutria sachalinensis	Grape, wine	39.45	13	208.13	A
rimsulfuron	Grape, wine	79.78	208	2,241.25	A
rimsulfuron	Industrial site	0.04	N/A	7.13	A
rimsulfuron	Pear	12.18	13	243.8	A
rimsulfuron	Rights of way	0.04	N/A	N/A	N/A
saflufenacil	Alfalfa	2.85	1	60.0	A
saflufenacil	Pear	0.71	2	16.55	A
sethoxydim	Grape, wine	23.44	13	150.2	A
silica aerogel	Structural pest control	5.23	N/A	N/A	N/A
silica filled polydimethylsiloxane	Grape, wine	0.47	75	967.56	A
silica filled polydimethylsiloxane	Grape, wine	<0.01	2	10,530.0	S
simazine	Grape, wine	2.98	1	0.5	A
simazine	Landscape maintenance	12.25	N/A	N/A	N/A
simazine	Pear	92.12	3	46.0	A
sodium carbonate peroxyhydrate	Grape, wine	42.5	1	7.0	A
sodium chlorate	Landscape maintenance	45.0	N/A	N/A	N/A
sodium decyl sulfate	Structural pest control	<0.01	N/A	N/A	N/A
sodium diisooctylsulfosuccinate	Grape, wine	0.39	36	506.57	A
sodium hydroxide	Grape, wine	6.34	8	127.69	A
sodium hydroxide	Pear	1.13	2	16.55	A
sodium lauroampho acetate	Structural pest control	<0.01	N/A	N/A	N/A
sodium lauryl sulfate	Structural pest control	<0.01	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
sodium metaborate	Landscape maintenance	99.75	N/A	N/A	N/A
sodium polyacrylate	Grape, wine	1.87	49	286.82	A
sodium polyacrylate	Pear	0.36	7	70.42	A
sodium xylene sulfonate	Grape, wine	2.56	36	506.57	A
spinetoram	Grape, wine	1.64	2	23.0	A
spinetoram	Pear	48.38	12	458.0	A
spinosad	Grape, wine	1.24	2	20.0	A
spinosad	N-grnhs plants in containers	0.26	3	51,000.0	S
spinosad	Olive	0.02	4	7.71	A
spinosad	Pear	3.04	2	30.5	A
spirotetramat	Grape, wine	130.1	56	1,193.81	A
starch	Grape, wine	0.01	5	117.9	A
streptomycin sulfate	Pear	602.66	113	4,977.75	A
strychnine	Grape, wine	0.85	3	91.5	A
styrene butadiene copolymer	Grape, wine	10.46	6	178.27	A
sulfentrazone	Rights of way	1.31	N/A	N/A	N/A
sulfometuron-methyl	Rights of way	0.15	N/A	N/A	N/A
sulfur	Apple	429.6	8	69.0	A
sulfur	Cannabis (all or unspecified)	29.72	36	50,806.0	S
sulfur	Grape, wine	545,848.77	3,593	76,820.11	A
sulfur	N-outdr plants in containers	<0.01	1	200.0	S
sulfur	Pear	9,812.4	31	1,068.5	A
sulfur dioxide	Commodity fumigation	24.19	N/A	N/A	N/A
sulfur dioxide	Fumigation, other	1,474.04	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
sulfur dioxide	Storage area/box	58.81	N/A	92.0	U
sulfuryl fluoride	Structural pest control	2,201.29	N/A	N/A	N/A
tall oil	Grape, wine	35.47	102	1,649.3	A
tall oil	Pear	29.21	18	640.0	A
tall oil fatty acids	Grape, wine	211.1	121	959.24	A
tall oil fatty acids	Pear	12.41	7	158.0	A
tall oil fatty acids	Rights of way	1.05	N/A	N/A	N/A
tartrazine	Water area	0.58	1	20.0	A
tartrazine	Water area	0.96	1	5.0	U
tebuconazole	Grape, wine	306.41	147	2,904.06	A
tebuconazole	Lumber, treated	9,526.84	N/A	8,488.13	K
tebuthiuron	Uncultivated non-ag	0.07	1	3,580.0	S
tetraconazole	Grape, wine	25.63	19	660.93	A
tetramethrin	Structural pest control	<0.01	N/A	N/A	N/A
thiamethoxam	Grape, wine	48.59	47	619.11	A
thiamethoxam	Structural pest control	0.16	N/A	N/A	N/A
thiophanate-methyl	Grape, wine	215.64	13	271.23	A
thiophanate-methyl	Peach	0.14	1	1.0	A
thiophanate-methyl	Structural pest control	0.01	N/A	N/A	N/A
thiram	Golf course turf	1.0	N/A	4,000.0	S
thyme oil	Structural pest control	0.03	N/A	N/A	N/A
trichoderma harzianum rifai strain krl-ag2	N-outdr plants in containers	<0.01	1	65.0	U

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
triclopyr, butoxyethyl ester	Forest, timberland	2,503.54	45	1,112.5	A
triclopyr, butoxyethyl ester	Landscape maintenance	0.98	N/A	N/A	N/A
triclopyr, butoxyethyl ester	Rights of way	0.42	N/A	N/A	N/A
triclopyr choline	Rights of way	3.59	N/A	N/A	N/A
triclopyr, triethylamine salt	Forest, timberland	933.35	22	601.4	A
triclopyr, triethylamine salt	Rights of way	58.25	N/A	N/A	N/A
trifloxystrobin	Grape, wine	27.95	25	351.37	A
trifloxystrobin	N-grnhs plants in containers	0.13	1	17,000.0	S
triflumizole	Grape, wine	340.28	73	1,636.11	A
triflumizole	Pear	338.23	19	899.0	A
trifluralin	Landscape maintenance	2.36	N/A	N/A	N/A
alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	Grape, wine	18.34	10	263.77	A
ulocladium oudemansii (u3 strain)	Cannabis (all or unspecified)	0.18	5	4,250.0	S
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Grape, wine	212.75	31	780.64	A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Industrial site	1.78	N/A	7.13	A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Landscape maintenance	0.63	N/A	N/A	N/A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Pear	21.37	1	70.0	A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Rights of way	0.62	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
yucca schidigera	Cannabis (all or unspecified)	1.24	3	8,000.0	S
yucca schidigera	Grape, wine	30.62	1	23.2	A
zinc phosphide	Structural pest control	0.01	N/A	N/A	N/A
ziram	Grape, wine	2,249.6	20	740.0	A
ziram	Pear	7,663.08	49	1,907.5	A