

2022 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 nonagricultural pesticide use reports are not legally required to report area treated or number of applications. N-outdoor = Outdoor nursery. N-grnhs = Greenhouse nursery. See Pesticide Use Annual Report Data Access, References, and Definitions Guide for more information.

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
2,4-d	Landscape maintenance	0.92	N/A	N/A	N/A
2,4-d, 2-ethylhexyl ester	Landscape maintenance	0.14	N/A	N/A	N/A
2,4-d, dimethylamine salt	Landscape maintenance	0.04	N/A	N/A	N/A
2,4-d, dimethylamine salt	Pear	92.63	1	60.0	A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Grape, wine	871.57	330	6,644.76	A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Pear	129.81	16	788.0	A
2-methyl-4-isothiazolin-3-one	Lumber, treated	16,064.21	N/A	7,586.7	K
3,7-dimethyl-6-octen-1-ol	Grape, wine	2.45	5	147.94	A
3-iodo-2-propynyl butylcarbamate	Lumber, treated	2,093.93	N/A	7,779.02	K
4-aminopyridine	Structural pest control	0.1	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
4-nonylphenol, formaldehyde resin, propoxylated	Grape, wine	96.91	42	1,410.57	A
4-nonylphenol, formaldehyde resin, propoxylated	Pear	37.89	5	187.0	A
5-chloro-2-methyl-4-isothiazolin-3-one	Lumber, treated	45,153.46	N/A	7,586.7	K
Abamectin	Grape, wine	17.37	28	965.8	A
Abamectin	N-grnhs plants in containers	0.01	6	35,800.0	S
Abamectin	Pear	23.88	29	1,113.0	A
Abamectin	Structural pest control	<0.01	N/A	N/A	N/A
Abamectin, other related	Structural pest control	<0.01	N/A	N/A	N/A
Acephate	Structural pest control	0.53	N/A	N/A	N/A
Acetamiprid	Grape, wine	1.69	2	18.0	A
Acetamiprid	N-grnhs plants in containers	0.05	1	17,000.0	S
Acetamiprid	Structural pest control	0.01	N/A	N/A	N/A
Alkyl (c10-16) dimethyl amine oxide	Forest, timberland	490.67	74	3,913.5	A
Alkyl (c8,c10) polyglucoside	Grape, wine	389.73	207	1,796.77	A
Alkyl (c8,c10) polyglucoside	Landscape maintenance	1.9	N/A	N/A	N/A
Alkyl (c8,c10) polyglucoside	Pear	52.83	5	161.0	A
Alkyl (c8,c10) polyglucoside	Rights of way	3.03	N/A	N/A	N/A
Allyloxypolyethylene glycol acetate	Grape, wine	22.34	25	446.47	A
Alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	Grape, wine	45.8	104	2,622.1	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Forest, timberland	81.87	44	1,096.85	A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Grape, wine	856.88	131	2,630.61	A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	2.27	N/A	N/A	N/A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Pear	122.34	9	331.0	A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Rangeland	0.23	1	1.0	A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Rights of way	3.42	N/A	N/A	N/A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Turf/sod	0.33	N/A	70,000.0	S
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	Forest, timberland	50.6	5	122.0	A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	Grape, wine	0.59	5	20.8	A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	Grape, wine	13.63	8	112.91	A
Alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	Grape, wine	2.17	1	25.0	A
Alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	Grape, wine	64.5	17	232.78	A
Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Grape, wine	238.54	128	1,454.07	A
Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Olive	0.15	1	2.0	A
Alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	Grape, wine	1,252.76	413	9,486.73	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	Pear	4.83	5	55.75	A
Alpha-alkylaryl-omega-hydroxypoly(oxyethylene)	Grape, wine	2.94	1	122.0	A
Alpha-cypermethrin	Structural pest control	2.23	N/A	N/A	N/A
Alpha-isodecyl-omega-hydroxypoly(oxyethylene)	Grape, wine	0.14	1	8.0	A
Alpha-pinene beta-pinene copolymer	Grape, wine	858.79	104	2,622.1	A
Alpha-undecyl-omega-hydroxypoly(oxyethylene)	Forest, timberland	4.89	3	44.0	A
Alpha-undecyl-omega-hydroxypoly(oxyethylene)	Rights of way	6.26	N/A	N/A	N/A
Aminocyclopyrachlor, potassium salt	Rights of way	0.2	N/A	N/A	N/A
Aminopyralid, triisopropanolamine salt	Forest, timberland	9.73	4	60.0	A
Aminopyralid, triisopropanolamine salt	Landscape maintenance	0.09	N/A	N/A	N/A
Aminopyralid, triisopropanolamine salt	Rights of way	2.67	N/A	N/A	N/A
Amitraz	Regulatory pest control	0.03	N/A	N/A	N/A
Ammonium nitrate	Grape, wine	326.54	150	1,795.3	A
Ammonium nitrate	Landscape maintenance	0.91	N/A	N/A	N/A
Ammonium nitrate	Olive	0.02	1	2.0	A
Ammonium nitrate	Pear	189.44	5	161.0	A
Ammonium propionate	Grape, wine	6.22	5	74.47	A
Ammonium sulfate	Grape, wine	2,303.56	397	3,813.21	A
Ammonium sulfate	Landscape maintenance	1.81	N/A	N/A	N/A
Ammonium sulfate	Olive	0.48	1	2.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Ammonium sulfate	Pear	45.55	4	48.3	A
Ammonium sulfate	Rights of way	7.66	N/A	N/A	N/A
Azadirachtin	Cannabis (all or unspecified)	0.22	20	38,000.0	S
Azoxystrobin	Grape, wine	197.59	29	1,089.34	A
Azoxystrobin	Turf/sod	0.45	N/A	70,000.0	S
Bacillus amyloliquefaciens strain d747	Grape, wine	590.31	8	136.5	A
Bacillus amyloliquefaciens strain f727	Grape, wine	702.15	5	103.9	A
Bacillus amyloliquefaciens strain mbi 600	Grape, wine	3.23	3	70.0	A
Bacillus pumilus, strain qst 2808	Grape, wine	49.64	21	810.7	A
Bacillus subtilis strain iab/bs03	Grape, wine	0.69	3	58.2	A
Bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	Cannabis (all or unspecified)	0.17	2	20,000.0	S
Bacillus thuringiensis (berliner), subsp. kurstaki, strain sa-11	Cannabis (all or unspecified)	0.26	2	18,000.0	S
Bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	Grape, wine	5.91	2	7.47	A
Beauveria bassiana strain ant-03	Grape, wine	0.4	1	3.5	A
Beauveria bassiana strain gha	Cannabis (all or unspecified)	1.11	19	28,000.0	S
Beauveria bassiana strain gha	Structural pest control	0.14	N/A	N/A	N/A
Benzoic acid	Forest, timberland	3.4	30	925.0	A
Benzoic acid	Grape, wine	3.25	60	679.24	A
Beta-cyfluthrin	Structural pest control	4.77	N/A	N/A	N/A
Bifenazate	Grape, wine	72.95	7	147.5	A
Bifenazate	Pear	4.0	1	8.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Bifenthrin	Structural pest control	39.36	N/A	N/A	N/A
Borax	Rights of way	172.32	N/A	N/A	N/A
Borax	Structural pest control	1.75	N/A	N/A	N/A
Boric acid	Landscape maintenance	5.1	N/A	N/A	N/A
Boric acid	Structural pest control	15.16	N/A	N/A	N/A
Boscalid	Grape, wine	151.19	26	625.84	A
Bromadiolone	Structural pest control	<0.01	N/A	N/A	N/A
Bromethalin	Landscape maintenance	<0.01	N/A	N/A	N/A
Bromethalin	Structural pest control	0.04	N/A	N/A	N/A
Burkholderia rinojensis strain a396	Cannabis (all or unspecified)	10.39	2	20,000.0	S
Butyl alcohol	Grape, wine	31.77	28	724.76	A
Butyl alcohol	Pear	2.61	3	84.0	A
Butyl alcohol	Rights of way	0.39	N/A	N/A	N/A
Butyl lactate	Grape, wine	27.41	20	299.24	A
Butyl lactate	Rights of way	0.69	N/A	N/A	N/A
Calcium chloride	Grape, wine	34.51	47	1,016.83	A
Capric acid	Grape, wine	180.7	15	73.28	A
Capric acid	Landscape maintenance	1.39	N/A	N/A	N/A
Caprylic acid	Grape, wine	265.4	15	73.28	A
Caprylic acid	Landscape maintenance	2.04	N/A	N/A	N/A
Carbaryl	Turf/sod	20.0	N/A	2.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Carfentrazone-ethyl	Grape, wine	4.67	33	271.82	A
Carfentrazone-ethyl	Landscape maintenance	0.01	N/A	N/A	N/A
Carfentrazone-ethyl	Turf/sod	0.15	N/A	145,000.0	S
Castor oil ethoxylate	Grape, wine	88.1	42	1,410.57	A
Chlorantraniliprole	Apple	0.09	1	1.0	A
Chlorantraniliprole	Peach	0.35	2	4.0	A
Chlorantraniliprole	Pear	8.72	6	85.0	A
Chlorantraniliprole	Structural pest control	1.81	N/A	N/A	N/A
Chlorantraniliprole	Turf/sod	0.22	N/A	1.0	A
Chlorfenapyr	Structural pest control	2.86	N/A	N/A	N/A
Chlormequat chloride	N-grnhs flower	0.01	3	1,300.0	S
Chlormequat chloride	N-grnhs plants in containers	0.05	15	3,920.0	S
Chlorophacinone	Structural pest control	<0.01	N/A	N/A	N/A
Chloropicrin	Structural pest control	0.24	N/A	N/A	N/A
Chlorothalonil	Turf/sod	17.15	N/A	2.0	A
Chlorothalonil	Turf/sod	46.03	N/A	304,000.0	S
Chlorpyrifos	Grape, wine	0.22	3	115.0	A
Chlorsulfuron	Landscape maintenance	0.23	N/A	N/A	N/A
Chlorsulfuron	Rights of way	0.36	N/A	N/A	N/A
Cholecalciferol	Structural pest control	0.71	N/A	N/A	N/A
Citric acid	Grape, wine	115.47	89	1,551.97	A
Citric acid	Rights of way	0.22	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Clarified hydrophobic extract of neem oil	Cannabis (all or unspecified)	4.25	71	34,778.0	S
Clethodim	Alfalfa	7.26	1	60.0	A
Clethodim	Pear	11.51	2	95.0	A
Clopyralid, monoethanolamine salt	Forest, timberland	134.06	8	241.2	A
Clopyralid, monoethanolamine salt	Landscape maintenance	0.49	1	0.25	A
Clopyralid, monoethanolamine salt	Rangeland	0.19	1	1.0	A
Clopyralid, monoethanolamine salt	Rights of way	0.93	N/A	N/A	N/A
Clopyralid, monoethanolamine salt	Turf/sod	0.5	N/A	220,000.0	S
Clothianidin	Grape, wine	0.6	1	9.0	A
Clothianidin	Structural pest control	<0.01	N/A	N/A	N/A
Copper ethanolamine complexes, mixed	Lumber, treated	1,079,572.53	N/A	7,592.7	K
Copper ethylenediamine complex	Rights of way	603.66	N/A	N/A	N/A
Copper hydroxide	Apple	18.44	5	5.0	A
Copper hydroxide	Grape, wine	0.86	1	1.0	?
Copper hydroxide	Grape, wine	2,491.47	278	8,251.61	A
Copper hydroxide	Olive	0.32	1	1.0	A
Copper hydroxide	Peach	0.81	2	0.75	A
Copper hydroxide	Pear	333.83	25	325.0	A
Copper hydroxide	Rights of way	12.28	N/A	N/A	N/A
Copper naphthenate	Structural pest control	0.61	N/A	N/A	N/A
Copper oxychloride	Grape, wine	0.95	1	1.0	?
Copper oxychloride	Grape, wine	3,911.74	264	7,169.58	A
Copper oxychloride	Olive	0.36	1	1.0	A
Copper oxychloride	Peach	0.89	2	0.75	A
Copper oxychloride	Pear	1,712.02	31	818.5	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Copper sulfate (basic)	Grape, wine	354.3	7	828.0	A
Copper sulfate (basic)	Pear	266.59	8	529.0	A
Copper sulfate (pentahydrate)	Water area	49.5	1	2.0	A
Copper triethanolamine complex	Rights of way	681.4	N/A	N/A	N/A
Cuprous oxide	Grape, wine	1,275.08	31	1,343.33	A
Cyantraniliprole	Pear	65.17	14	719.5	A
Cyflufenamid	Grape, wine	100.02	135	3,725.67	A
Cyflumetofen	Grape, wine	40.24	11	223.88	A
Cyflumetofen	Pear	5.49	1	30.0	A
Cyfluthrin	Structural pest control	0.01	N/A	N/A	N/A
Cypermethrin	Structural pest control	52.58	N/A	N/A	N/A
Cyprodinil	Grape, wine	768.22	125	3,223.03	A
Cyprodinil	Pear	140.18	21	1,063.5	A
D-trans allethrin	Structural pest control	0.01	N/A	N/A	N/A
Daminozide	N-grnhs flower	0.05	2	1,100.0	S
Daminozide	N-grnhs plants in containers	0.76	37	10,795.0	S
Deltamethrin	Structural pest control	19.82	N/A	N/A	N/A
Diazinon	Pear	125.0	1	100.0	A
Dicamba	Landscape maintenance	0.1	N/A	N/A	N/A
Dicamba, dimethylamine salt	Landscape maintenance	<0.01	N/A	N/A	N/A
Dichlobenil	Grape, wine	4.0	1	1.0	A
Diethylene glycol	Forest, timberland	1.88	3	44.0	A
Diethylene glycol	Rights of way	0.09	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Difenoconazole	Grape, wine	201.31	101	2,784.53	A
Difenoconazole	Pear	8.55	5	422.0	A
Difethialone	Structural pest control	<0.01	N/A	N/A	N/A
Diflubenzuron	Grape, wine	7.49	1	30.0	A
Diiodomethyl p-tolyl sulfone	Lumber, treated	571.07	N/A	7,779.02	K
Dikegulac sodium	Landscape maintenance	0.07	N/A	N/A	N/A
Dimethyl alkyl tertiary amines	Forest, timberland	3.71	30	925.0	A
Dimethyl alkyl tertiary amines	Grape, wine	3.55	60	679.24	A
Dimethyl silicone fluid emulsion	Grape, wine	0.26	3	74.11	A
Dimethylpolysiloxane	Forest, timberland	0.04	3	44.0	A
Dimethylpolysiloxane	Grape, wine	66.04	99	1,482.17	A
Dimethylpolysiloxane	Landscape maintenance	<0.01	N/A	N/A	N/A
Dimethylpolysiloxane	Pear	0.05	7	132.3	A
Dimethylpolysiloxane	Rangeland	<0.01	1	1.0	A
Dimethylpolysiloxane	Rights of way	0.01	N/A	N/A	N/A
Dinotefuran	N-grnhs plants in containers	0.31	4	51,500.0	S
Dinotefuran	Structural pest control	18.42	N/A	N/A	N/A
Diphacinone	Landscape maintenance	<0.01	N/A	N/A	N/A
Diphacinone	Structural pest control	0.04	N/A	N/A	N/A
Diphacinone, sodium salt	Structural pest control	<0.01	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Diquat dibromide	Landscape maintenance	2.39	N/A	N/A	N/A
Disodium octaborate anhydrous	Rights of way	42.77	N/A	N/A	N/A
Disodium octaborate tetrahydrate	Structural pest control	4,775.17	N/A	N/A	N/A
Dithiopyr	Landscape maintenance	251.83	N/A	N/A	N/A
Dithiopyr	Rights of way	1.0	N/A	N/A	N/A
Diuron	Pear	144.14	1	60.0	A
Dodine	Pear	681.2	15	524.0	A
E,e-8,10-dodecadien-1-ol	Apple	0.3	1	2.5	A
E,e-8,10-dodecadien-1-ol	Pear	53.1	13	533.0	A
E-8-dodecenyl acetate	Pear	1.85	5	311.0	A
Esfenvalerate	Pear	33.02	10	553.5	A
Esfenvalerate	Structural pest control	1.18	N/A	N/A	N/A
Etofenprox	Structural pest control	0.28	N/A	N/A	N/A
Etoxazole	Grape, wine	106.29	21	892.79	A
Etoxazole	Pear	103.83	22	771.0	A
Farnesol	Grape, wine	0.98	5	147.94	A
Fatty acids, c16-c18 and c18-unsaturated, methyl esters	Grape, wine	0.23	1	8.0	A
Fatty acids, methyl esters	Grape, wine	349.13	37	289.08	A
Fatty acids, mixed	Forest, timberland	3.34	3	44.0	A
Fatty acids, mixed	Grape, wine	1.72	9	148.02	A
Fatty acids, mixed	Rights of way	0.16	N/A	N/A	N/A
Fenhexamid	Grape, wine	758.18	63	1,573.84	A
Fipronil	Structural pest control	9.59	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Flazasulfuron	Grape, wine	8.9	31	237.9	A
Fluazifop-p-butyl	Grape, wine	80.93	20	214.59	A
Fluazifop-p-butyl	Landscape maintenance	0.01	N/A	N/A	N/A
Fludioxonil	Grape, wine	118.33	18	544.89	A
Fludioxonil	Turf/sod	0.71	N/A	2.0	A
Fludioxonil	Turf/sod	0.04	N/A	4,000.0	S
Flumioxazin	Grape, wine	648.8	188	2,320.32	A
Flumioxazin	Landscape maintenance	6.74	N/A	N/A	N/A
Flumioxazin	Pear	31.04	5	149.0	A
Flumioxazin	Rights of way	2.02	N/A	N/A	N/A
Fluopyram	Grape, wine	424.9	168	4,006.66	A
Fluopyram	Pear	3.36	2	35.5	A
Fluridone	Water area	0.55	2	1.35	A
Flutriafol	Grape, wine	259.64	113	3,312.98	A
Fluxapyroxad	Grape, wine	7.43	1	90.35	A
Formic acid	Beehive	8.76	1	300.0	A
Gamma-cyhalothrin	Structural pest control	<0.01	N/A	N/A	N/A
Geraniol	Grape, wine	2.45	5	147.94	A
Glufosinate-ammonium	Grape, wine	2,743.3	267	3,088.8	A
Glufosinate-ammonium	Landscape maintenance	2.06	N/A	N/A	N/A
Glufosinate-ammonium	Pear	219.6	11	235.55	A
Glufosinate-ammonium	Rights of way	4.98	N/A	N/A	N/A
Glycerol	Grape, wine	57.86	30	361.37	A
Glyphosate, dimethylamine salt	Forest, timberland	42.23	5	87.0	A
Glyphosate, dimethylamine salt	Rights of way	8.96	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Glyphosate, isopropylamine salt	Forest, timberland	32.76	6	127.25	A
Glyphosate, isopropylamine salt	Grape, wine	5,433.62	199	3,097.55	A
Glyphosate, isopropylamine salt	Landscape maintenance	1.0	1	0.25	A
Glyphosate, isopropylamine salt	Landscape maintenance	201.63	N/A	N/A	N/A
Glyphosate, isopropylamine salt	Olive	4.0	1	2.0	A
Glyphosate, isopropylamine salt	Pear	638.48	19	481.1	A
Glyphosate, isopropylamine salt	Rights of way	13.5	2	8.0	A
Glyphosate, isopropylamine salt	Rights of way	92.07	N/A	N/A	N/A
Glyphosate, isopropylamine salt	Structural pest control	0.2	N/A	N/A	N/A
Glyphosate, potassium salt	Alfalfa	11.03	1	60.0	A
Glyphosate, potassium salt	Forest, timberland	5.52	1	5.9	A
Glyphosate, potassium salt	Grape, wine	3,929.62	103	3,291.33	A
Glyphosate, potassium salt	Landscape maintenance	46.68	N/A	N/A	N/A
Glyphosate, potassium salt	Olive	1.21	1	2.0	A
Glyphosate, potassium salt	Pear	349.26	8	314.0	A
Glyphosate, potassium salt	Rangeland	1.38	1	1.0	A
Heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	Grape, wine	0.1	4	8.0	A
Hexazinone	Forest, timberland	19.99	3	98.0	A
Hexythiazox	Grape, wine	2.8	3	46.5	A
Hydramethylnon	Structural pest control	0.02	N/A	N/A	N/A
Hydrogen peroxide	Grape, wine	49.8	1	10.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Hydroprene	Structural pest control	2.04	N/A	N/A	N/A
Imazamox, ammonium salt	Rights of way	5.29	N/A	N/A	N/A
Imazapyr, isopropylamine salt	Forest, timberland	9,896.22	226	10,114.65	A
Imazapyr, isopropylamine salt	Landscape maintenance	5.3	N/A	N/A	N/A
Imazapyr, isopropylamine salt	Rights of way	0.63	N/A	N/A	N/A
Imidacloprid	Grape, wine	614.26	131	3,408.94	A
Imidacloprid	Landscape maintenance	<0.01	N/A	N/A	N/A
Imidacloprid	N-grnhs flower	0.08	3	900.0	S
Imidacloprid	N-grnhs plants in containers	0.17	8	1,900.0	S
Imidacloprid	Structural pest control	41.23	N/A	N/A	N/A
Indaziflam	Forest, timberland	35.49	14	433.0	A
Indaziflam	Grape, wine	43.47	104	1,389.44	A
Indaziflam	Landscape maintenance	0.08	N/A	N/A	N/A
Indaziflam	Pear	6.06	10	142.05	A
Indaziflam	Rights of way	1.85	N/A	N/A	N/A
Indoxacarb	Structural pest control	4.36	N/A	N/A	N/A
Iprodione	Turf/sod	2.41	N/A	75,000.0	S
Iron phosphate	Landscape maintenance	0.01	N/A	N/A	N/A
Isopropyl alcohol	Grape, wine	0.02	1	1.0	A
Isopropyl alcohol	Rangeland	0.02	1	1.0	A
Isopropyl alcohol	Turf/sod	0.1	N/A	70,000.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Isoxaben	Landscape maintenance	34.35	N/A	N/A	N/A
Isoxaben	Rights of way	1.0	N/A	N/A	N/A
Kaolin	Grape, wine	4,291.86	16	171.89	A
Kasugamycin hydrochloride	Pear	68.27	22	718.0	A
Kresoxim-methyl	Grape, wine	30.1	9	224.14	A
Lambda-cyhalothrin	Structural pest control	1.57	N/A	N/A	N/A
Lauryl alcohol	Apple	0.17	1	2.5	A
Lauryl alcohol	Pear	17.85	12	383.0	A
Lecithin	Grape, wine	56.34	11	178.46	A
Lecithin	Rights of way	12.03	N/A	N/A	N/A
Lime-sulfur	Pear	3,915.7	2	160.5	A
Limonene	Structural pest control	13.98	N/A	N/A	N/A
Mancozeb	Pear	9,438.62	69	2,430.5	A
Mcpp	Landscape maintenance	0.41	N/A	N/A	N/A
Mecoprop-p	Landscape maintenance	0.03	N/A	N/A	N/A
Mefenoxam	N-grnhs plants in containers	0.18	19	7,450.0	S
Mefentrifluconazole	Grape, wine	3.76	3	29.0	A
Mefentrifluconazole	Pear	25.9	4	198.0	A
Metaldehyde	N-grnhs plants in containers	0.02	51	653.16	S
Metaldehyde	N-outdr plants in containers	0.08	103	2,624.91	S
Metam-sodium	Rights of way	159.03	N/A	N/A	N/A
Methoprene	Structural pest control	<0.01	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Methoxyfenozide	Pear	118.85	17	533.0	A
Methyl silicone resins	Grape, wine	0.07	1	10.0	A
Methylated soybean oil	Forest, timberland	1,001.16	76	2,099.85	A
Methylated soybean oil	Grape, wine	402.89	87	1,067.18	A
Methylated soybean oil	Landscape maintenance	12.13	N/A	N/A	N/A
Methylated soybean oil	Pear	157.87	5	161.0	A
Methylated soybean oil	Rights of way	6.01	N/A	N/A	N/A
Metrafenone	Grape, wine	1,037.03	128	3,583.43	A
Mineral oil	Cannabis (all or unspecified)	21.04	34	62,000.0	S
Mineral oil	Grape, wine	78,298.24	523	14,312.95	A
Mineral oil	Pear	69,683.47	86	3,661.0	A
Mineral oil	Turf/sod	116.65	N/A	675,000.0	S
Modified phthalic glycerol alkyd resin	Grape, wine	17.76	6	167.2	A
Modified phthalic glycerol alkyd resin	Pear	11.97	1	40.0	A
Muscalure	Structural pest control	<0.01	N/A	N/A	N/A
Myclobutanil	Grape, wine	171.17	61	1,533.6	A
Myristyl alcohol	Apple	0.03	1	2.5	A
Myristyl alcohol	Pear	3.63	12	383.0	A
Myrothecium verrucaria, dried fermentation solids & solubles, strain aarc-0255	Grape, wine	270.99	3	30.11	A
N-octyl bicycloheptene dicarboximide	Structural pest control	0.59	N/A	N/A	N/A
Naa, ammonium salt	Pear	29.07	5	325.0	A
Naa, potassium salt	Pear	97.32	26	932.5	A
Nerolidol	Grape, wine	2.45	5	147.94	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Novaluron	Structural pest control	0.03	N/A	N/A	N/A
Octhilinone	Lumber, treated	126,904.29	N/A	7,586.7	K
Oleic acid, ethyl ester	Forest, timberland	20.24	4	90.0	A
Oleic acid, ethyl ester	Grape, wine	5.33	5	37.0	A
Oleic acid, ethyl ester	Rights of way	52.0	N/A	N/A	N/A
Oleic acid, methyl ester	Grape, wine	304.58	25	446.47	A
Orthosulfamuron	Grape, wine	16.41	9	75.72	A
Oxadiazon	Landscape maintenance	1.0	N/A	N/A	N/A
Oxyfluorfen	Grape, wine	1,050.0	89	3,191.28	A
Oxyfluorfen	Pear	95.38	11	243.5	A
Oxyfluorfen	Rights of way	1.0	N/A	N/A	N/A
Oxyfluorfen	Water area	0.94	1	1.5	A
Oxytetracycline hydrochloride	Pear	394.95	75	2,319.5	A
Oxytetracycline hydrochloride, other related	Pear	3.64	75	2,319.5	A
Oxytetracycline, calcium complex	Pear	425.42	38	2,815.0	A
Pendimethalin	Grape, wine	538.0	20	166.26	A
Pendimethalin	Landscape maintenance	1.18	N/A	N/A	N/A
Permethrin	Structural pest control	29.07	N/A	N/A	N/A
Permethrin, other related	Structural pest control	<0.01	N/A	N/A	N/A
Peroxyacetic acid	Grape, wine	3.68	1	10.0	A
Phenothrin	Structural pest control	0.09	N/A	N/A	N/A
Phosphoric acid	Grape, wine	16.55	26	315.44	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Piperonyl butoxide	Structural pest control	5.59	N/A	N/A	N/A
Piperonyl butoxide, other related	Structural pest control	0.54	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	9.45	20	324.23	A
Poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	Pear	6.07	5	161.0	A
Poly-i-para-menthene	Grape, wine	10.6	1	80.0	?
Poly-i-para-menthene	Grape, wine	27.86	5	216.1	A
Polyacrylamide polymer	Grape, wine	5.35	26	315.44	A
Polyalkene oxide modified heptamethyl trisiloxane	Forest, timberland	15.69	35	995.65	A
Polyalkene oxide modified heptamethyl trisiloxane	Grape, wine	3.0	1	57.0	A
Polyalkene oxide modified heptamethyl trisiloxane	Landscape maintenance	0.61	N/A	N/A	N/A
Polyalkyleneoxide modified polydimethyl-siloxane	Grape, wine	1.92	8	142.01	A
Polybutenes	Structural pest control	0.05	N/A	N/A	N/A
Polyether modified polysiloxane	Grape, wine	16.64	9	217.95	A
Polyethoxylated castor oil	Grape, wine	92.29	21	332.23	A
Polyethoxylated castor oil	Pear	59.2	5	161.0	A
Polyethylene glycol	Grape, wine	141.53	55	1,439.75	A
Polyethylene glycol	Pear	15.12	1	60.0	A
Polyethylene glycol	Rangeland	0.12	1	1.0	A
Polyethylene glycol diacetate	Grape, wine	2.03	25	446.47	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	Grape, wine	1.16	1	25.0	A
Polyethylene glycol stearate	Forest, timberland	5.06	4	90.0	A
Polyethylene glycol stearate	Grape, wine	1.33	5	37.0	A
Polyethylene glycol stearate	Rights of way	5.49	N/A	N/A	N/A
Polyoxin d, zinc salt	Grape, wine	10.04	11	282.01	A
Polyoxyethylene dioleate	Rights of way	5.26	N/A	N/A	N/A
Polyoxyethylene polyol fatty acid esters	Grape, wine	95.83	28	378.01	A
Polyoxyethylene polyol fatty acid esters	Rights of way	1.02	N/A	N/A	N/A
Polyoxyethylene polyoxypropylene	Rights of way	<0.01	N/A	N/A	N/A
Polyoxyethylene sorbitan monolaurate	Grape, wine	54.89	9	154.01	A
Polyoxyethylene sorbitan monooleate	Rights of way	1.5	N/A	N/A	N/A
Polypropylene glycol	Grape, wine	0.4	8	145.01	A
Potash soap	Cannabis (all or unspecified)	38.2	34	53,000.0	S
Potash soap	N-grnhs plants in containers	0.24	53	382.11	S
Potassium bicarbonate	Apple	208.25	11	64.0	A
Potassium bicarbonate	Forest, timberland	81.78	74	3,913.5	A
Potassium bicarbonate	Grape, wine	1,788.69	43	581.8	A
Potassium carbonate	Forest, timberland	112.96	74	3,913.5	A
Prallethrin	Structural pest control	0.27	N/A	N/A	N/A
Propiconazole	Lumber, treated	9,767.66	N/A	15,371.72	K
Propiconazole	Turf/sod	2.74	N/A	2.0	A
Propiconazole	Turf/sod	0.88	N/A	74,000.0	S
Propionic acid	Grape, wine	40.04	9	148.02	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Propylene glycol	Grape, wine	0.59	1	25.0	A
Pydiflumetofen	Grape, wine	64.5	15	496.89	A
Pymetrozine	Cannabis (all or unspecified)	0.28	3	30,000.0	S
Pyraclostrobin	Grape, wine	84.23	27	716.19	A
Pyraflufen-ethyl	Grape, wine	1.39	36	444.16	A
Pyraflufen-ethyl	Pear	0.1	2	26.25	A
Pyraflufen-ethyl	Rights of way	0.01	1	5.0	A
Pyrethrins	Grape, wine	107.73	90	2,827.6	A
Pyrethrins	Olive	0.05	2	1.0	A
Pyrethrins	Structural pest control	0.44	N/A	N/A	N/A
Pyridaben	Grape, wine	10.88	1	29.0	A
Pyrimethanil	Grape, wine	6.02	3	21.24	A
Pyriofenone	Grape, wine	114.06	64	1,191.51	A
Pyriproxyfen	Structural pest control	0.16	N/A	N/A	N/A
Qst 713 strain of dried bacillus subtilis	Grape, wine	414.52	75	1,362.69	A
Quinclorac	Landscape maintenance	0.01	N/A	N/A	N/A
Quinoxifen	Grape, wine	353.05	142	3,472.67	A
Resmethrin	Grape, wine	0.04	3	115.0	A
Reynoutria sachalinensis	Grape, wine	110.21	21	301.46	A
Rimsulfuron	Grape, wine	46.17	91	1,318.44	A
Rimsulfuron	Pear	3.85	10	142.05	A
Rimsulfuron	Rights of way	0.81	N/A	N/A	N/A
S-methoprene	Structural pest control	0.01	N/A	N/A	N/A
Saflufenacil	Alfalfa	2.85	1	60.0	A
Saflufenacil	Pear	2.63	1	60.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Saponin	Cannabis (all or unspecified)	0.07	2	2,000.0	S
Sethoxydim	Grape, wine	55.66	31	204.77	A
Silica aerogel	Structural pest control	0.11	N/A	N/A	N/A
Silica filled polydimethylsiloxane	Grape, wine	0.41	16	289.02	A
Sodium decyl sulfate	Structural pest control	0.36	N/A	N/A	N/A
Sodium dioctylsulfosuccinate	Rights of way	<0.01	N/A	N/A	N/A
Sodium hydroxide	Grape, wine	29.2	26	315.44	A
Sodium lauroampho acetate	Structural pest control	0.27	N/A	N/A	N/A
Sodium lauryl sulfate	Structural pest control	0.18	N/A	N/A	N/A
Sodium polyacrylate	Grape, wine	0.16	5	74.47	A
Sodium xylene sulfonate	Grape, wine	0.54	2	29.0	A
Sorbitol	Grape, wine	0.52	1	8.93	A
Spinetoram	Grape, wine	0.39	1	5.0	A
Spinetoram	Pear	36.92	8	339.5	A
Spinosad	N-grnhs plants in containers	0.27	7	52,800.0	S
Spirotetramat	Grape, wine	152.08	47	1,208.56	A
Streptomycin sulfate	Pear	1,069.46	124	5,046.5	A
Sulfentrazone	Rights of way	6.03	N/A	N/A	N/A
Sulfometuron-methyl	Forest, timberland	54.38	20	552.5	A
Sulfometuron-methyl	Rights of way	1.09	N/A	N/A	N/A
Sulfur	Apple	24.0	1	2.5	A
Sulfur	Cannabis (all or unspecified)	1.7	80	44,758.0	S
Sulfur	Grape, wine	2,097.5	4	195.0	?

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Sulfur	Grape, wine	444,495.7	2,047	60,797.7	A
Sulfur	Olive	6.4	4	2.0	A
Sulfur	Pear	5,930.9	12	704.0	A
Sulfur dioxide	Fumigation, other	1,413.95	N/A	N/A	N/A
Sulfur dioxide	Storage area/box	126.6	N/A	160.0	U
Sulfuryl fluoride	Structural pest control	3,297.39	N/A	N/A	N/A
Tall oil	Pear	5.83	5	187.0	A
Tall oil	Turf/sod	0.03	N/A	70,000.0	S
Tall oil fatty acids	Grape, wine	205.32	75	1,770.98	A
Tall oil fatty acids	Pear	56.1	6	221.0	A
Tebuconazole	Grape, wine	424.9	168	4,006.66	A
Tebuconazole	Lumber, treated	7,673.73	N/A	7,592.7	K
Tetraconazole	Grape, wine	44.86	53	1,110.52	A
Tetramethrin	Structural pest control	<0.01	N/A	N/A	N/A
Thiamethoxam	Grape, wine	28.0	5	230.91	A
Thiamethoxam	Structural pest control	0.33	N/A	N/A	N/A
Thiophanate-methyl	Grape, wine	69.79	5	99.7	A
Thiophanate-methyl	Turf/sod	2.41	N/A	75,000.0	S
Thymol	Beehive	20.0	2	600.0	U
Triclopyr choline	Rights of way	7.49	N/A	N/A	N/A
Triclopyr, butoxyethyl ester	Forest, timberland	1,230.36	17	550.0	A
Triclopyr, butoxyethyl ester	Landscape maintenance	0.87	1	0.25	A
Triclopyr, butoxyethyl ester	Landscape maintenance	9.35	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Triclopyr, butoxyethyl ester	Rights of way	75.47	N/A	N/A	N/A
Triclopyr, triethylamine salt	Forest, timberland	733.59	17	558.0	A
Triclopyr, triethylamine salt	Landscape maintenance	0.92	N/A	N/A	N/A
Triclopyr, triethylamine salt	Rights of way	0.69	N/A	N/A	N/A
Trifloxystrobin	Grape, wine	29.7	9	310.08	A
Trifloxystrobin	Pear	3.36	2	35.5	A
Triflumizole	Grape, wine	178.82	30	742.87	A
Triflumizole	Pear	240.76	13	619.5	A
Trifluralin	Landscape maintenance	0.72	N/A	N/A	N/A
Ulocladium oudemansii (u3 strain)	Cannabis (all or unspecified)	1.28	4	4,000.0	S
Urea	Grape, wine	0.52	1	8.0	A
Vinyl ester polymer	Rights of way	0.4	N/A	N/A	N/A
Warfarin, sodium salt	Structural pest control	<0.01	N/A	N/A	N/A
Xanthan gum	Grape, wine	0.52	1	8.93	A
Z-8-dodecenol	Pear	0.31	5	311.0	A
Z-8-dodecenyl acetate	Pear	29.59	5	311.0	A
Zeta-cypermethrin	Structural pest control	0.03	N/A	N/A	N/A
Ziram	Grape, wine	2,007.62	16	660.4	A
Ziram	Pear	7,708.68	50	1,733.5	A