

# 2021 Annual Statewide Pesticide Use Report Indexed by Chemical Sonoma County

Text files of data are available at <<https://files.cdpr.ca.gov/pub/outgoing/pur/data/>>. Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit, Apps = Number of agricultural applications, Area treated = cumulative area treated (For example, if a one-acre field was treated three times in a year, the cumulative acres treated would equal three acres), N/A = Not Available: many nonagricultural pesticide use reports are not legally required to report area treated or number of applications. N-outdoor = Outdoor nursery. N-grnhs = Greenhouse nursery. See Pesticide Use Annual Report Data Access, References, and Definitions Guide for more information.

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
1,3-dichloropropene	Grape, wine	35,685.84	4	108.2	A
2,4-d, 2-ethylhexyl ester	Landscape maintenance	143.91	N/A	N/A	N/A
2,4-d, dimethylamine salt	Landscape maintenance	86.04	N/A	N/A	N/A
2,4-d, dimethylamine salt	Oat	1,071.63	9	1,182.8	A
2,4-d, dimethylamine salt	Pastureland	79.02	1	65.0	A
2,4-d, dimethylamine salt	Ryegrass	6.75	1	6.0	A
2,4-d, dimethylamine salt	Uncultivated ag	189.9	1	225.0	A
2,4-d, dimethylamine salt	Wheat	160.35	1	190.0	A
2,4-d, isooctyl ester	Landscape maintenance	4.06	N/A	N/A	N/A
2,4-dp-p, dimethylamine salt	Landscape maintenance	0.03	N/A	N/A	N/A
2,4-dp-p, isooctyl ester	Landscape maintenance	16.81	N/A	N/A	N/A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Cannabis (all or unspecified)	1.47	3	2.4	A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate</b>	Grape, wine	22,408.01	4,235	88,826.33	A
<b>2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate</b>	Landscape maintenance	6.23	N/A	N/A	N/A
<b>2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate</b>	Olive	1.62	9	2.9	A
<b>2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate</b>	Rights of way	2.68	N/A	N/A	N/A
<b>2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate</b>	Uncultivated ag	8.38	N/A	25.0	A
<b>2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate</b>	Unknown	1.26	1	6.26	A
<b>2-ethylhexyl sulfate, sodium salt</b>	Grape, wine	3.95	1	9.0	A
<b>2-methyl-4-isothiazolin-3-one</b>	Water (industrial)	1.12	N/A	49.0	U
<b>3,7-dimethyl-6-octen-1-ol</b>	Grape, wine	0.36	3	30.6	A
<b>4-aminopyridine</b>	Structural pest control	0.03	N/A	N/A	N/A
<b>4-nonylphenol, formaldehyde resin, propoxylated</b>	Cannabis (all or unspecified)	<0.01	2	1,280.0	S
<b>4-nonylphenol, formaldehyde resin, propoxylated</b>	Grape, wine	197,258.6	1,139	27,394.44	A
<b>4-nonylphenol, formaldehyde resin, propoxylated</b>	Landscape maintenance	0.02	N/A	N/A	N/A
<b>5-chloro-2-methyl-4-isothiazolin-3-one</b>	Water (industrial)	3.19	N/A	49.0	U
<b>abamectin</b>	Grape, wine	11.45	38	705.26	A
<b>abamectin</b>	Landscape maintenance	0.54	N/A	N/A	N/A
<b>abamectin</b>	N-grnhs flower	2.41	36	86.5	A
<b>abamectin</b>	N-grnhs flower	0.11	2	150,000.0	S
<b>abamectin</b>	N-grnhs plants in containers	0.01	3	0.09	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
abamectin	N-grnhs plants in containers	<0.01	2	2,250.0	S
abamectin	N-outdr plants in containers	0.02	7	21,637.5	S
abamectin	Structural pest control	0.04	N/A	N/A	N/A
abamectin, other related	Structural pest control	<0.01	N/A	N/A	N/A
acephate	Landscape maintenance	0.02	N/A	N/A	N/A
acephate	N-grnhs flower	266.27	29	114.5	A
acephate	N-grnhs flower	4.5	3	225,000.0	S
acephate	N-outdr flower	1.94	1	1.0	A
acephate	Structural pest control	7.56	N/A	N/A	N/A
acequinocyl	Grape, wine	2.52	1	7.0	A
acetamiprid	Apple	12.55	15	168.0	A
acetamiprid	Grape, wine	496.06	311	6,774.29	A
acetamiprid	N-grnhs flower	2.36	5	6.0	A
acetamiprid	N-outdr flower	0.6	2	2.0	A
acetamiprid	Structural pest control	0.19	N/A	N/A	N/A
acibenzolar-s-methyl	Landscape maintenance	1.66	N/A	N/A	N/A
acid blue 9, diammonium salt	Water area	2.33	1	1.0	A
acid blue 9, diammonium salt	Water area	9.3	N/A	2.0	U
alcohols, c12 - c13, ethoxylated	Grape, wine	1.99	3	12.3	A
alkyl (50%c14, 40%c12, 10%c16) dimethylbenzyl ammonium chloride	Cannabis (all or unspecified)	<0.01	1	32.0	S
alkyl (50%c14, 40%c12, 10%c16) dimethylbenzyl ammonium chloride	Structural pest control	0.48	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
alkyl (60% <b>c14</b> , 30% <b>c16</b> , 5% <b>c12</b> , 5% <b>c18</b> ) dimethylbenzyl ammonium chloride	Grape, wine	<0.01	1	1.0	A
alkyl (68% <b>c12</b> , 32% <b>c14</b> ) dimethylethylbenzyl ammonium chloride	Grape, wine	<0.01	1	1.0	A
alkyl (c8,c10) polyglucoside	Grape	0.13	2	1.1	A
alkyl (c8,c10) polyglucoside	Grape, wine	1,845.23	714	8,987.89	A
alkyl (c8,c10) polyglucoside	Landscape maintenance	731.73	N/A	N/A	N/A
alkyl (c8,c10) polyglucoside	Uncultivated ag	9.23	N/A	9.0	A
alkyl (c9-c11) oligomeric d-glucopyranoside	Cannabis (all or unspecified)	<0.01	2	1,280.0	S
alkyl benzene sulfonic acid	Grape, wine	1.34	1	9.0	A
allyloxypolyethylene glycol acetate	Grape, wine	1,099.6	169	4,453.2	A
alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	Apple	0.09	3	8.6	A
alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	Grape, wine	111.66	219	3,769.28	A
alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	Olive	0.07	4	10.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Cannabis (all or unspecified)	<0.01	2	1,280.0	S
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Forest, timberland	37.59	8	422.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Grape, wine	19,620.46	1,655	34,286.84	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	193.69	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	N-grnhs flower	<0.01	N/A	1.0	S
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Oat	140.94	9	909.8	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Pastureland	5.04	3	95.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Rangeland	41.65	1	500.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Rights of way	211.3	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Ryegrass	1.0	1	6.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Structural pest control	2.95	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Uncultivated non-ag	15.2	N/A	31.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Water (industrial)	0.21	N/A	3.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Water area	6.72	1	22.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Wheat	31.65	1	190.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	Grape, wine	63.76	100	641.41	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	Landscape maintenance	1.12	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	Grape, wine	288.9	110	725.66	A
alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	Grape, wine	14.09	24	159.66	A
alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	Landscape maintenance	0.18	N/A	N/A	N/A
alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	N-grnhs flower	8.75	60	62.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	N-outdr flower	0.54	5	5.0	A
alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	Grape, wine	621.46	351	3,553.74	A
alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	0.22	N/A	N/A	N/A
alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	Grape, wine	0.95	1	4.0	A
alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	Rights of way	0.21	N/A	N/A	N/A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Grape, wine	1,860.63	1,638	15,996.53	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Rangeland	1.08	3	600.0	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Rights of way	1.32	N/A	N/A	N/A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Uncultivated ag	3.17	1	225.0	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Uncultivated non-ag	3.38	N/A	98.0	A
alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	Apple	0.13	1	1.5	A
alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	Grape, wine	4,412.86	2,179	38,583.09	A
alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	Olive	0.99	8	7.5	A
alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	Peach	1.15	4	4.5	A
alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	Unknown	0.68	1	6.26	A
alpha-alkylaryl-omega-hydroxypoly(oxyethylene)	Grape, wine	16.15	14	131.5	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
alpha-cypermethrin	Structural pest control	16.15	N/A	N/A	N/A
alpha-isodecyl-omega-hydroxypoly(oxyethylene)	Grape, wine	30.69	94	629.41	A
alpha-isodecyl-omega-hydroxypoly(oxyethylene) phosphate	Grape, wine	0.47	4	8.25	A
alpha-isodecyl-omega-hydroxypoly(oxyethylene) phosphate	Olive	1.98	4	6.0	A
alpha-isooctadecyl-omega-hydroxypoly(oxyethylene)	Public health	95.1	N/A	N/A	N/A
alpha-octylphenyl-omega-hydroxypoly(oxyethylene)	Grape, wine	0.87	1	4.0	A
alpha-pinene beta-pinene copolymer	Apple	1.72	3	8.6	A
alpha-pinene beta-pinene copolymer	Grape, wine	2,519.54	402	6,590.08	A
alpha-pinene beta-pinene copolymer	Landscape maintenance	0.26	N/A	N/A	N/A
alpha-pinene beta-pinene copolymer	Olive	1.34	4	10.0	A
alpha-pinene beta-pinene copolymer	Olive	1.37	1	30.0	U
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Grape, wine	3.76	6	45.16	A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Landscape maintenance	0.78	N/A	N/A	N/A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	N-outdr plants in containers	2.47	12	20.0	A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Rights of way	15.28	N/A	N/A	N/A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Water (industrial)	5.04	N/A	115.0	A
alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	Grape, wine	0.11	1	7.0	A
aluminum phosphide	Grape, wine	1.21	1	25.0	A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
aluminum phosphide	Landscape maintenance	0.83	N/A	N/A	N/A
aminocyclopyrachlor, potassium salt	Landscape maintenance	0.23	N/A	N/A	N/A
aminocyclopyrachlor, potassium salt	Rights of way	3.35	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Forest, timberland	3.8	3	300.0	A
aminopyralid, triisopropanolamine salt	Landscape maintenance	30.65	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Pastureland	1.45	1	12.0	A
aminopyralid, triisopropanolamine salt	Rights of way	15.56	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Uncultivated non-ag	2.77	N/A	31.0	A
ammonium nitrate	Grape	0.06	2	1.1	A
ammonium nitrate	Grape, wine	4,190.37	2,183	21,596.01	A
ammonium nitrate	Landscape maintenance	86.01	N/A	N/A	N/A
ammonium nitrate	Rangeland	0.14	3	600.0	A
ammonium nitrate	Rights of way	0.17	N/A	N/A	N/A
ammonium nitrate	Uncultivated ag	0.61	1	225.5	A
ammonium nitrate	Uncultivated non-ag	0.44	N/A	98.0	A
ammonium nonanoate	Landscape maintenance	570.61	N/A	N/A	N/A
ammonium nonanoate	Rights of way	437.45	N/A	N/A	N/A
ammonium propionate	Grape, wine	106.82	13	82.04	A
ammonium sulfate	Grape	8.41	5	21.82	A
ammonium sulfate	Grape, wine	12,513.54	2,318	23,339.67	A
ammonium sulfate	Landscape maintenance	172.02	N/A	N/A	N/A
ammonium sulfate	Rangeland	3.44	3	600.0	A
ammonium sulfate	Rights of way	4.2	N/A	N/A	N/A



Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
ammonium sulfate	Uncultivated ag	110.79	1	288.25	A
ammonium sulfate	Uncultivated non-ag	10.8	N/A	98.0	A
ammonium tall oil fatty acid soap	Grape, wine	0.08	1	2.0	A
aureobasidium pullulans strain dsm 14940	Grape, wine	5.38	12	27.5	A
aureobasidium pullulans strain dsm 14941	Grape, wine	5.38	12	27.5	A
azadirachtin	Apple	0.19	3	4.5	A
azadirachtin	Arugula	0.01	10	3,600.0	S
azadirachtin	Basil, sweet	<0.01	2	800.0	S
azadirachtin	Cannabis (all or unspecified)	0.87	43	38.35	A
azadirachtin	Cannabis (all or unspecified)	6.77	693	2,380,134.0	S
azadirachtin	Cannabis (all or unspecified)	0.05	55	33,943.0	U
azadirachtin	Chicory	<0.01	3	600.0	S
azadirachtin	Chinese amaranth (chinese spinach, tampala, yin choy)	<0.01	4	800.0	S
azadirachtin	Dandelion green	<0.01	2	1,000.0	S
azadirachtin	Grape, wine	0.05	1	2.0	A
azadirachtin	Herb, spice	0.04	10	11,400.0	S
azadirachtin	Kale	<0.01	10	1,400.0	S
azadirachtin	Landscape maintenance	0.03	N/A	N/A	N/A
azadirachtin	Lettuce, head	0.05	11	14,500.0	S
azadirachtin	N-grnhs plants in containers	<0.01	1	225.0	S
azadirachtin	N-outdr flower	0.01	11	3,700.0	S
azadirachtin	N-outdr plants in containers	1.1	69	345.0	A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
azadirachtin	Parsley	0.01	9	3,107.0	S
azadirachtin	Structural pest control	0.02	N/A	N/A	N/A
azoxystrobin	Grape, wine	721.01	208	4,095.06	A
azoxystrobin	Landscape maintenance	0.59	1	1.5	A
azoxystrobin	Landscape maintenance	46.18	N/A	N/A	N/A
azoxystrobin	N-grnhs plants in containers	0.43	7	6,975.0	S
azoxystrobin	N-grnhs transplants	1.64	8	215,784.0	S
azoxystrobin	N-outdr plants in containers	0.15	2	3.0	A
azoxystrobin	N-outdr plants in containers	0.63	7	10,000.0	S
<b>bacillus amyloliquefaciens strain d747</b>	Cannabis (all or unspecified)	56.39	8	6.4	A
<b>bacillus amyloliquefaciens strain d747</b>	Cannabis (all or unspecified)	385.92	275	1,544,881.0	S
<b>bacillus amyloliquefaciens strain d747</b>	Grape, wine	1,502.92	30	509.96	A
<b>bacillus amyloliquefaciens strain mbi 600</b>	Grape, wine	4.74	17	88.88	A
<b>bacillus pumilus, strain qst 2808</b>	Arugula	0.03	17	5,050.0	S
<b>bacillus pumilus, strain qst 2808</b>	Basil, sweet	0.01	6	2,400.0	S
<b>bacillus pumilus, strain qst 2808</b>	Broccoli	<0.01	2	100.0	S
<b>bacillus pumilus, strain qst 2808</b>	Carrot	<0.01	2	500.0	S
<b>bacillus pumilus, strain qst 2808</b>	Cauliflower	0.01	6	1,200.0	S
<b>bacillus pumilus, strain qst 2808</b>	Chicory	0.01	6	2,050.0	S
<b>bacillus pumilus, strain qst 2808</b>	Chinese amaranth (chinese spinach, tampala, yin choy)	<0.01	3	300.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
<b>bacillus pumilus, strain qst 2808</b>	Cucumber	<0.01	2	500.0	S
<b>bacillus pumilus, strain qst 2808</b>	Dandelion green	0.01	9	2,100.0	S
<b>bacillus pumilus, strain qst 2808</b>	Eggplant	0.01	3	1,200.0	S
<b>bacillus pumilus, strain qst 2808</b>	Fava bean	0.01	8	2,000.0	S
<b>bacillus pumilus, strain qst 2808</b>	Grape, wine	684.1	721	9,332.98	A
<b>bacillus pumilus, strain qst 2808</b>	Herb, spice	0.2	15	33,800.0	S
<b>bacillus pumilus, strain qst 2808</b>	Kale	0.01	11	2,200.0	S
<b>bacillus pumilus, strain qst 2808</b>	Lettuce, head	0.1	17	18,200.0	S
<b>bacillus pumilus, strain qst 2808</b>	Mustard	0.01	12	2,250.0	S
<b>bacillus pumilus, strain qst 2808</b>	N-outdr flower	0.02	15	2,900.0	S
<b>bacillus pumilus, strain qst 2808</b>	Olive	0.5	2	0.3	A
<b>bacillus pumilus, strain qst 2808</b>	Parsley	0.03	18	5,242.0	S
<b>bacillus pumilus, strain qst 2808</b>	Pepper, fruiting	0.01	1	1,200.0	S
<b>bacillus pumilus, strain qst 2808</b>	Squash	0.01	5	1,000.0	S
<b>bacillus pumilus, strain qst 2808</b>	Tomato	0.01	1	1,400.0	S
<b>bacillus pumilus, strain qst 2808</b>	Unknown	0.63	3	10.55	A
<b>bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins</b>	Public health	183.73	N/A	N/A	N/A
<b>bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins</b>	Water area	187.74	N/A	354.0	A
<b>bacillus thuringiensis (berliner)</b>	Apple	0.01	8	0.8	A
<b>bacillus thuringiensis (berliner)</b>	Cannabis (all or unspecified)	0.14	2	2,200.0	S
<b>bacillus thuringiensis (berliner)</b>	Cherry	<0.01	2	0.2	A
<b>bacillus thuringiensis (berliner)</b>	Pear	0.01	12	1.15	A
<b>bacillus thuringiensis (berliner)</b>	Pepper, fruiting	<0.01	1	1,200.0	S
<b>bacillus thuringiensis (berliner)</b>	Stone fruit	0.01	5	0.8	A
<b>bacillus thuringiensis (berliner)</b>	Tomato	0.01	4	3,450.0	S

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>bacillus thuringiensis (berliner), subsp. aizawai, serotype h-7</b>	Grape, wine	2.06	4	16.0	A
<b>bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14</b>	Cannabis (all or unspecified)	0.04	11	8,900.0	S
<b>bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14</b>	Cannabis (all or unspecified)	0.07	3	6,000.0	U
<b>bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14</b>	N-grnhs flower	<0.01	1	1,200.0	S
<b>bacillus thuringiensis (berliner), subsp. kurstaki strain sa-12</b>	Pear	5.1	2	7.7	A
<b>bacillus thuringiensis (berliner), subsp. kurstaki, serotype 3a,3b</b>	Cannabis (all or unspecified)	0.33	6	6.0	A
<b>bacillus thuringiensis (berliner), subsp. kurstaki, serotype 3a,3b</b>	N-grnhs plants in containers	<0.01	2	574.0	S
<b>bacillus thuringiensis (berliner), subsp. kurstaki, serotype 3a,3b</b>	N-outdr plants in containers	0.09	5	15,824.0	S
<b>bacillus thuringiensis (berliner), subsp. kurstaki, strain sa-11</b>	Cannabis (all or unspecified)	0.3	5	4.0	A
<b>bacillus thuringiensis (berliner), subsp. kurstaki, strain sa-11</b>	Cannabis (all or unspecified)	0.01	1	43,000.0	S
<b>bacillus thuringiensis, subsp. aizawai, strain abts-1857</b>	Cannabis (all or unspecified)	4.86	26	25.0	A
<b>bacillus thuringiensis, subsp. aizawai, strain abts-1857</b>	Cannabis (all or unspecified)	5.94	7	219,256.0	S
<b>bacillus thuringiensis, subsp. israelensis, strain am 65-52</b>	Cannabis (all or unspecified)	6.25	12	25,600.0	S
<b>bacillus thuringiensis, subsp. israelensis, strain am 65-52</b>	N-grnhs flower	2.54	26	31,200.0	S
<b>bacillus thuringiensis, subsp. israelensis, strain am 65-52</b>	Public health	259.73	N/A	N/A	N/A
<b>bacillus thuringiensis, subsp. israelensis, strain am 65-52</b>	Water area	605.27	N/A	1,783.0	A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles</b>	Apple	733.24	90	711.6	A
<b>bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles</b>	Cannabis (all or unspecified)	0.41	8	21,205.0	S
<b>bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles</b>	Grape, wine	429.55	13	583.97	A
<b>bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles</b>	Landscape maintenance	0.2	N/A	N/A	N/A
<b>bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles</b>	N-outdr plants in containers	28.5	41	205.0	A
<b>bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles</b>	Pome fruit	0.54	2	2.0	A
<b>beauveria bassiana strain ant-03</b>	Cannabis (all or unspecified)	0.2	1	1.0	A
<b>beauveria bassiana strain gha</b>	Cannabis (all or unspecified)	31.29	97	217,625.0	S
<b>beauveria bassiana strain gha</b>	N-outdr plants in containers	6.05	54	270.0	A
<b>beauveria bassiana strain gha</b>	Structural pest control	0.06	N/A	N/A	N/A
<b>beauveria bassiana strain ppri 5339</b>	Cannabis (all or unspecified)	0.28	18	19,267.0	S
<b>bentonite</b>	Grape, wine	0.15	1	3.5	A
<b>bentonite</b>	Peach	0.15	1	1.0	A
<b>benzoic acid</b>	Grape	<0.01	1	0.02	A
<b>benzoic acid</b>	Grape, wine	57.95	1,104	11,720.34	A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
benzoic acid	Landscape maintenance	0.01	N/A	N/A	N/A
benzoic acid	Oat	2.6	3	457.8	A
benzoic acid	Pastureland	0.32	1	56.0	A
benzoic acid	Rangeland	3.07	2	540.0	A
benzoic acid	Ryegrass	0.03	1	6.0	A
benzoic acid	Uncultivated ag	1.28	1	225.0	A
benzoic acid	Water area	0.14	26	24.3	A
benzoic acid	Wheat	0.01	1	190.0	A
benzovindiflupyr	Grape, wine	3.94	4	49.5	A
benzovindiflupyr	Landscape maintenance	0.39	N/A	N/A	N/A
beta-conglutin	Grape, wine	211.07	56	386.76	A
beta-cyfluthrin	Landscape maintenance	5.69	N/A	N/A	N/A
beta-cyfluthrin	Structural pest control	64.02	N/A	N/A	N/A
bifenazate	Grape, wine	748.65	73	2,266.63	A
bifenazate	N-grnhs transplants	0.5	1	42,336.0	S
bifenazate	Rights of way	3.14	N/A	N/A	N/A
bifenazate	Strawberry	1.0	1	4.0	A
bifenthrin	Landscape maintenance	6.64	N/A	N/A	N/A
bifenthrin	N-outdr plants in containers	0.16	1	1.5	A
bifenthrin	Structural pest control	489.73	N/A	N/A	N/A
borax	Rights of way	645.41	N/A	N/A	N/A
borax	Structural pest control	14.11	N/A	N/A	N/A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>boric acid</b>	Landscape maintenance	85.4	N/A	N/A	N/A
<b>boric acid</b>	Structural pest control	1,664.03	N/A	N/A	N/A
<b>boscalid</b>	Grape, wine	1,208.99	226	5,242.56	A
<b>boscalid</b>	N-grnhs flower	8.06	10	13.0	A
<b>boscalid</b>	N-grnhs flower	0.9	2	150,000.0	S
<b>boscalid</b>	N-grnhs plants in containers	2.17	19	68,438.0	U
<b>boscalid</b>	N-grnhs transplants	0.44	4	142,925.0	S
<b>boscalid</b>	N-outdr plants in containers	1.17	10	28.5	A
<b>boscalid</b>	N-outdr plants in containers	0.4	1	12,500.0	S
<b>boscalid</b>	N-outdr plants in containers	2.5	20	78,350.0	U
<b>brodifacoum</b>	Farm/ag building	<0.01	N/A	4,081.0	U
<b>brodifacoum</b>	Structural pest control	0.01	N/A	N/A	N/A
<b>bromacil</b>	Structural pest control	2.0	N/A	N/A	N/A
<b>bromadiolone</b>	Animal premise	0.01	33	1,256,749.0	S
<b>bromadiolone</b>	Farm/ag building	<0.01	N/A	0.58	A
<b>bromadiolone</b>	Farm/ag building	0.01	N/A	8,745.0	U
<b>bromadiolone</b>	Landscape maintenance	<0.01	N/A	N/A	N/A
<b>bromadiolone</b>	Structural pest control	0.04	N/A	N/A	N/A
<b>bromethalin</b>	Landscape maintenance	0.02	N/A	N/A	N/A
<b>bromethalin</b>	Structural pest control	0.81	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
<b>bromoxynil heptanoate</b>	Oat	492.26	10	1,487.0	A
<b>bromoxynil heptanoate</b>	Oat (forage - fodder)	3.1	1	9.0	A
<b>bromoxynil heptanoate</b>	Wheat	89.47	1	260.0	A
<b>bromoxynil octanoate</b>	Oat	510.49	10	1,487.0	A
<b>bromoxynil octanoate</b>	Oat (forage - fodder)	3.21	1	9.0	A
<b>bromoxynil octanoate</b>	Wheat	92.78	1	260.0	A
<b>buprofezin</b>	Grape, wine	162.7	12	148.84	A
<b>buprofezin</b>	N-outdr plants in containers	0.44	1	1.0	A
<b>burkholderia sp strain a396 cells and fermentation media</b>	Cannabis (all or unspecified)	297.29	45	39.1	A
<b>burkholderia sp strain a396 cells and fermentation media</b>	Cannabis (all or unspecified)	1,300.9	718	2,105,407.0	S
<b>burkholderia sp strain a396 cells and fermentation media</b>	Grape, wine	1,185.18	18	273.01	A
<b>butopyronoxyl</b>	N-outdr plants in containers	0.21	3	24,000.0	S
<b>butyl alcohol</b>	Grape, wine	2,344.24	1,194	27,922.48	A
<b>butyl alcohol</b>	Oat	17.44	9	909.8	A
<b>butyl alcohol</b>	Pastureland	0.62	3	95.0	A
<b>butyl alcohol</b>	Rangeland	5.15	1	500.0	A
<b>butyl alcohol</b>	Rights of way	0.29	N/A	N/A	N/A
<b>butyl alcohol</b>	Ryegrass	0.12	1	6.0	A
<b>butyl alcohol</b>	Uncultivated non-ag	1.88	N/A	31.0	A
<b>butyl alcohol</b>	Water area	0.83	1	22.0	A
<b>butyl alcohol</b>	Wheat	3.92	1	190.0	A
<b>butyl lactate</b>	Grape, wine	537.68	250	9,237.39	A
<b>butyl lactate</b>	Landscape maintenance	10.01	N/A	N/A	N/A



<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
butyl lactate	Oat	6.37	1	280.0	A
butyl lactate	Rangeland	0.91	1	40.0	A
butyl lactate	Water area	5.53	26	24.3	A
calcium chloride	Grape, wine	28.25	97	720.51	A
calcium chloride	Landscape maintenance	0.21	N/A	N/A	N/A
calcium hydroxide	Grape, wine	2.65	2	15.0	A
calcium hypochlorite	Grape, wine	11.52	5	42.12	A
canola oil	Cannabis (all or unspecified)	2.54	17	123,640.0	S
capric acid	Grape, wine	2,571.91	93	909.99	A
capric acid	Landscape maintenance	327.67	N/A	N/A	N/A
capric acid	Rights of way	9.6	N/A	N/A	N/A
caprylic acid	Grape, wine	3,773.85	93	909.99	A
caprylic acid	Landscape maintenance	478.78	N/A	N/A	N/A
caprylic acid	Rights of way	14.1	N/A	N/A	N/A
capsicum oleoresin	Cannabis (all or unspecified)	0.54	26	258,330.0	S
capsicum oleoresin	Structural pest control	<0.01	N/A	N/A	N/A
carbaryl	Apple	6.02	1	3.0	A
carbo methoxy ether cellulose, sodium salt	Grape, wine	7.9	232	2,254.39	A
carfentrazone-ethyl	Grape	<0.01	1	0.02	A
carfentrazone-ethyl	Grape, wine	92.21	469	4,494.35	A
carfentrazone-ethyl	Landscape maintenance	5.78	N/A	N/A	N/A
casein	Grape, wine	0.01	1	3.5	A
casein	Peach	0.01	1	1.0	A
castor oil ethoxylate	Grape, wine	179,061.14	1,064	24,291.38	A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
castor oil ethoxylate	Landscape maintenance	0.02	N/A	N/A	N/A
chlorantraniliprole	Apple	7.82	13	105.0	A
chlorantraniliprole	Grape, wine	45.55	10	486.38	A
chlorantraniliprole	Landscape maintenance	26.54	N/A	N/A	N/A
chlorantraniliprole	Structural pest control	25.11	N/A	N/A	N/A
chlorfenapyr	N-grnhs flower	3.5	3	11.5	A
chlorfenapyr	Structural pest control	113.09	N/A	N/A	N/A
chlorflurenol, methyl ester	Landscape maintenance	0.02	N/A	N/A	N/A
chlorine dioxide	Water (industrial)	0.75	N/A	2.0	A
chlorine dioxide	Water (industrial)	0.75	N/A	2.0	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	1.75	N/A	N/A	N/A
chlorothalonil	Golf course turf	29.96	N/A	170,000.0	S
chlorothalonil	Landscape maintenance	30.02	3	4.5	A
chlorothalonil	Landscape maintenance	1,120.68	N/A	N/A	N/A
chlorothalonil	N-grnhs plants in containers	0.94	1	8,000.0	U
chlorothalonil	N-outdr plants in containers	1.22	3	10,400.0	S
chlorothalonil	N-outdr plants in containers	1.87	2	16,000.0	U

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
chlorothalonil	Structural pest control	2.68	N/A	N/A	N/A
chlorpyrifos	Grape, wine	0.09	1	5.25	A
chlorpyrifos	Water area	0.06	N/A	1.0	U
chlorsulfuron	Landscape maintenance	0.41	N/A	N/A	N/A
chlorsulfuron	Oat	0.8	1	52.0	A
chlorsulfuron	Rights of way	3.09	N/A	N/A	N/A
cholecalciferol	Structural pest control	5.44	N/A	N/A	N/A
cholecalciferol	Vertebrate control	<0.01	N/A	N/A	N/A
chromobacterium subtsugae strain praa4-1	Arugula	0.27	29	8,850.0	S
chromobacterium subtsugae strain praa4-1	Basil, sweet	0.13	11	4,400.0	S
chromobacterium subtsugae strain praa4-1	Broccoli	<0.01	3	150.0	S
chromobacterium subtsugae strain praa4-1	Cannabis (all or unspecified)	27.11	19	16.6	A
chromobacterium subtsugae strain praa4-1	Cannabis (all or unspecified)	38.68	142	1,191,009.0	S
chromobacterium subtsugae strain praa4-1	Carrot	0.02	3	750.0	S
chromobacterium subtsugae strain praa4-1	Cauliflower	0.07	11	2,200.0	S
chromobacterium subtsugae strain praa4-1	Chicory	0.11	11	3,650.0	S
chromobacterium subtsugae strain praa4-1	Chinese amaranth (chinese spinach, tampala, yin choy)	0.01	4	200.0	S
chromobacterium subtsugae strain praa4-1	Cucumber	0.03	4	1,000.0	S
chromobacterium subtsugae strain praa4-1	Dandelion green	0.11	16	3,700.0	S
chromobacterium subtsugae strain praa4-1	Eggplant	0.1	5	2,000.0	S
chromobacterium subtsugae strain praa4-1	Fava bean	0.11	14	3,500.0	S
chromobacterium subtsugae strain praa4-1	Grape, wine	17.68	3	34.9	A
chromobacterium subtsugae strain praa4-1	Herb, spice	1.79	24	57,575.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
chromobacterium subtsugae strain praa4-1	Kale	0.1	17	3,400.0	S
chromobacterium subtsugae strain praa4-1	Landscape maintenance	0.15	N/A	N/A	N/A
chromobacterium subtsugae strain praa4-1	Lettuce, head	0.87	29	30,550.0	S
chromobacterium subtsugae strain praa4-1	Mustard	0.12	22	3,962.0	S
chromobacterium subtsugae strain praa4-1	N-outdr flower	0.14	25	4,500.0	S
chromobacterium subtsugae strain praa4-1	Parsley	0.24	28	7,942.0	S
chromobacterium subtsugae strain praa4-1	Pepper, fruiting	0.04	1	1,200.0	S
chromobacterium subtsugae strain praa4-1	Squash	0.06	10	2,000.0	S
chromobacterium subtsugae strain praa4-1	Tomato	0.06	3	2,050.0	S
citric acid	Grape	1.11	3	20.72	A
citric acid	Grape, wine	149.07	135	1,013.71	A
citric acid	Landscape maintenance	0.59	N/A	N/A	N/A
clarified hydrophobic extract of neem oil	Arugula	1.27	39	12,450.0	S
clarified hydrophobic extract of neem oil	Basil, sweet	0.53	13	5,200.0	S
clarified hydrophobic extract of neem oil	Beet	0.15	1	0.01	A
clarified hydrophobic extract of neem oil	Blueberry	0.96	2	1.5	A
clarified hydrophobic extract of neem oil	Broccoli	0.02	3	150.0	S
clarified hydrophobic extract of neem oil	Cabbage	0.15	1	0.01	A
clarified hydrophobic extract of neem oil	Cannabis (all or unspecified)	143.43	397	372,018.0	S
clarified hydrophobic extract of neem oil	Carrot	0.08	3	750.0	S
clarified hydrophobic extract of neem oil	Cauliflower	0.22	11	2,200.0	S
clarified hydrophobic extract of neem oil	Chicory	0.49	16	4,700.0	S
clarified hydrophobic extract of neem oil	Chinese amaranth (chinese spinach, tampala, yin choy)	0.1	8	1,000.0	S
clarified hydrophobic extract of neem oil	Cucumber	0.1	4	1,000.0	S
clarified hydrophobic extract of neem oil	Dandelion green	0.48	18	4,700.0	S
clarified hydrophobic extract of neem oil	Eggplant	0.2	5	2,000.0	S

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
clarified hydrophobic extract of neem oil	Fava bean	0.36	14	3,500.0	S
clarified hydrophobic extract of neem oil	Herb, spice	7.29	34	68,975.0	S
clarified hydrophobic extract of neem oil	Kale	0.47	27	4,800.0	S
clarified hydrophobic extract of neem oil	Landscape maintenance	3.6	N/A	N/A	N/A
clarified hydrophobic extract of neem oil	Lettuce, head	4.47	40	45,050.0	S
clarified hydrophobic extract of neem oil	Mustard	0.4	22	3,962.0	S
clarified hydrophobic extract of neem oil	N-grnhs transplants	<0.01	1	280.0	U
clarified hydrophobic extract of neem oil	N-outdr flower	0.84	36	8,200.0	S
clarified hydrophobic extract of neem oil	Onion, green	0.15	1	0.01	A
clarified hydrophobic extract of neem oil	Parsley	1.19	38	11,449.0	S
clarified hydrophobic extract of neem oil	Pepper, fruiting	0.17	2	2,400.0	S
clarified hydrophobic extract of neem oil	Squash	0.2	10	2,000.0	S
clarified hydrophobic extract of neem oil	Tomato	0.45	5	4,850.0	S
clethodim	Grape, wine	2.59	4	32.38	A
clethodim	Landscape maintenance	0.07	N/A	N/A	N/A
clethodim	Rights of way	3.66	N/A	N/A	N/A
clopyralid, monoethanolamine salt	Golf course turf	0.05	N/A	70,000.0	S
clopyralid, monoethanolamine salt	Landscape maintenance	71.58	N/A	N/A	N/A
clopyralid, monoethanolamine salt	Pastureland	1,080.07	3	123.0	A
clopyralid, monoethanolamine salt	Rangeland	102.76	3	542.0	A
clopyralid, monoethanolamine salt	Rights of way	3.46	N/A	N/A	N/A
clopyralid, triethylamine salt	Landscape maintenance	2.3	N/A	N/A	N/A
clothianidin	Grape, wine	203.01	98	2,022.32	A
clothianidin	Landscape maintenance	0.75	N/A	N/A	N/A
clothianidin	Structural pest control	0.41	N/A	N/A	N/A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
coconut diethanolamide	Grape, wine	0.02	1	7.0	A
codling moth granulosis virus	Apple	<0.01	2	18.0	A
copper ammonium complex	Landscape maintenance	2.5	N/A	N/A	N/A
copper carbonate, basic	Rights of way	0.6	N/A	N/A	N/A
copper diammonium diacetate complex	Landscape maintenance	1.13	N/A	N/A	N/A
copper ethanolamine complexes, mixed	Landscape maintenance	55.26	N/A	N/A	N/A
copper ethanolamine complexes, mixed	Water (industrial)	391.52	N/A	116.0	A
copper ethanolamine complexes, mixed	Water area	16.58	N/A	10.18	A
copper ethanolamine complexes, mixed	Water area	297.94	N/A	2,352.24	K
copper ethanolamine complexes, mixed	Water area	14.02	N/A	2.0	U
copper hydroxide	Apple	425.17	51	500.2	A
copper hydroxide	Cherry	0.02	2	0.2	A
copper hydroxide	Citrus	<0.01	1	0.1	A
copper hydroxide	Grape, wine	3,920.3	702	11,924.21	A
copper hydroxide	Landscape maintenance	76.54	N/A	N/A	N/A
copper hydroxide	N-outdr flower	2.31	1	5.5	A
copper hydroxide	N-outdr plants in containers	0.33	1	1.0	A
copper hydroxide	Olive	7.27	10	33.6	A
copper hydroxide	Olive	0.43	1	30.0	U
copper hydroxide	Peach	10.75	5	5.5	A
copper hydroxide	Pear	<0.01	1	0.1	A
copper hydroxide	Pome fruit	0.32	1	1.0	A
copper hydroxide	Rangeland	0.01	1	200.0	A
copper hydroxide	Rights of way	44.91	N/A	N/A	N/A
copper hydroxide	Stone fruit	0.09	4	0.5	A
copper hydroxide	Structural pest control	2.62	N/A	N/A	N/A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
copper naphthenate	Structural pest control	1.98	N/A	N/A	N/A
copper octanoate	N-grnhs flower	0.02	6	7,200.0	S
copper octanoate	N-outdr plants in containers	0.03	1	0.25	A
copper octanoate	N-outdr plants in containers	1.85	3	24,000.0	S
copper oxide (ous)	Apple	4.5	7	5.25	A
copper oxide (ous)	Grape, wine	11,481.78	726	12,631.81	A
copper oxide (ous)	Landscape maintenance	5.78	N/A	N/A	N/A
copper oxide (ous)	N-grnhs transplants	17.11	12	486,800.0	S
copper oxide (ous)	Nectarine	3.03	3	0.65	A
copper oxide (ous)	Olive	11.41	2	3.5	A
copper oxide (ous)	Peach	104.81	6	14.5	A
copper oxide (ous)	Plum	2.82	1	0.25	A
copper oxide (ous)	Prune	0.03	1	0.01	A
copper oxychloride	Apple	432.95	50	490.2	A
copper oxychloride	Cherry	0.02	2	0.2	A
copper oxychloride	Citrus	<0.01	1	0.1	A
copper oxychloride	Grape, wine	3,852.19	667	11,385.01	A
copper oxychloride	Landscape maintenance	72.02	N/A	N/A	N/A
copper oxychloride	N-outdr plants in containers	0.36	1	1.0	A
copper oxychloride	Olive	8.06	10	33.6	A
copper oxychloride	Olive	0.48	1	30.0	U
copper oxychloride	Peach	11.91	5	5.5	A
copper oxychloride	Pear	<0.01	1	0.1	A
copper oxychloride	Pome fruit	0.36	1	1.0	A
copper oxychloride	Rangeland	0.01	1	200.0	A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>copper oxychloride</b>	Stone fruit	0.1	4	0.5	A
<b>copper oxychloride</b>	Structural pest control	2.86	N/A	N/A	N/A
<b>copper salts of fatty and rosin acids</b>	Grape, wine	0.61	1	1.0	A
<b>copper sulfate (basic)</b>	Grape, wine	179.85	9	478.65	A
<b>copper sulfate (pentahydrate)</b>	N-grnhs plants in containers	0.02	2	2,720.0	S
<b>copper sulfate (pentahydrate)</b>	N-grnhs plants in containers	0.04	1	6,120.0	U
<b>copper sulfate (pentahydrate)</b>	N-outdr plants in containers	0.3	8	51,136.0	S
<b>copper sulfate (pentahydrate)</b>	Water (industrial)	36.59	N/A	13.75	A
<b>copper sulfate (pentahydrate)</b>	Water area	575.23	1	53.36	A
<b>corn syrup</b>	Grape, wine	67.15	13	234.11	A
<b>coyote urine</b>	Structural pest control	0.26	N/A	N/A	N/A
<b>creosote</b>	Grape, wine	3.01	1	11.0	A
<b>cyantraniliprole</b>	N-grnhs flower	3.26	5	14.0	A
<b>cyantraniliprole</b>	N-grnhs plants in containers	0.76	2	221,832.0	U
<b>cyazofamid</b>	Landscape maintenance	5.73	N/A	N/A	N/A
<b>cyflufenamid</b>	Grape, wine	586.38	999	24,486.75	A
<b>cyflumetofen</b>	Grape, wine	243.56	96	2,501.95	A
<b>cyflumetofen</b>	N-grnhs flower	5.19	11	11.0	A
<b>cyflumetofen</b>	N-outdr plants in containers	0.03	1	2,000.0	U
<b>cyfluthrin</b>	N-outdr plants in containers	2.18	36	180.0	A
<b>cyfluthrin</b>	Structural pest control	2.74	N/A	N/A	N/A



<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
cypermethrin	Structural pest control	3.51	N/A	N/A	N/A
cyprodinil	Grape, wine	8,541.26	1,716	33,328.28	A
cyprodinil	N-grnhs flower	12.94	16	45.5	A
d-allethrin	Structural pest control	<0.01	N/A	N/A	N/A
d-allethrin, other related	Structural pest control	<0.01	N/A	N/A	N/A
d-trans allethrin	Public health	0.01	N/A	N/A	N/A
d-trans allethrin	Structural pest control	0.02	N/A	N/A	N/A
deltamethrin	Landscape maintenance	<0.01	N/A	N/A	N/A
deltamethrin	Structural pest control	147.65	N/A	N/A	N/A
diatomaceous earth	Grape, wine	0.02	1	4.6	A
diatomaceous earth	Structural pest control	19.34	N/A	N/A	N/A
diazinon	Apple	13.25	4	6.0	A
dicamba	Landscape maintenance	9.26	N/A	N/A	N/A
dicamba, dimethylamine salt	Landscape maintenance	7.79	N/A	N/A	N/A
dichlobenil	Rights of way	435.05	N/A	N/A	N/A
didecyl dimethyl ammonium chloride	Cannabis (all or unspecified)	<0.01	1	32.0	S
didecyl dimethyl ammonium chloride	Grape, wine	1.38	1	15.0	A
didecyl dimethyl ammonium chloride	Landscape maintenance	0.01	N/A	N/A	N/A
didecyl dimethyl ammonium chloride	Structural pest control	0.79	N/A	N/A	N/A
diethylene glycol	Grape, wine	0.88	3	24.16	A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
diethylene glycol	Landscape maintenance	12.19	N/A	N/A	N/A
diethylene glycol	Rights of way	0.42	N/A	N/A	N/A
difenoconazole	Grape, wine	1,429.79	1,134	21,951.61	A
difenoconazole	Landscape maintenance	0.37	1	1.5	A
difenoconazole	Landscape maintenance	11.69	N/A	N/A	N/A
difethialone	Animal premise	<0.01	N/A	583.0	S
difethialone	Farm/ag building	<0.01	N/A	0.58	A
difethialone	Farm/ag building	<0.01	N/A	8,162.0	U
difethialone	Structural pest control	0.01	N/A	N/A	N/A
diglycerides of fatty acids	Landscape maintenance	8.89	N/A	N/A	N/A
dikegulac sodium	Landscape maintenance	9.87	N/A	N/A	N/A
dimethyl alkyl tertiary amines	Grape	<0.01	1	0.02	A
dimethyl alkyl tertiary amines	Grape, wine	63.31	1,104	11,720.34	A
dimethyl alkyl tertiary amines	Landscape maintenance	0.01	N/A	N/A	N/A
dimethyl alkyl tertiary amines	Oat	2.84	3	457.8	A
dimethyl alkyl tertiary amines	Pastureland	0.35	1	56.0	A
dimethyl alkyl tertiary amines	Rangeland	3.36	2	540.0	A
dimethyl alkyl tertiary amines	Ryegrass	0.04	1	6.0	A
dimethyl alkyl tertiary amines	Uncultivated ag	1.4	1	225.0	A
dimethyl alkyl tertiary amines	Water area	0.15	26	24.3	A
dimethyl alkyl tertiary amines	Wheat	0.01	1	190.0	A
dimethyl silicone fluid emulsion	Grape, wine	21.72	215	3,481.69	A
dimethylpolysiloxane	Grape	<0.01	2	1.1	A
dimethylpolysiloxane	Grape, wine	706.28	2,016	35,766.27	A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
dimethylpolysiloxane	Landscape maintenance	0.79	N/A	N/A	N/A
dimethylpolysiloxane	N-grnhs flower	0.1	23	25.5	A
dimethylpolysiloxane	N-outdr flower	<0.01	1	1.0	A
dimethylpolysiloxane	Oat	0.18	9	909.8	A
dimethylpolysiloxane	Olive	0.06	4	6.0	A
dimethylpolysiloxane	Pastureland	0.01	3	95.0	A
dimethylpolysiloxane	Rangeland	0.05	1	500.0	A
dimethylpolysiloxane	Rights of way	0.01	N/A	N/A	N/A
dimethylpolysiloxane	Ryegrass	<0.01	1	6.0	A
dimethylpolysiloxane	Uncultivated ag	0.05	N/A	56.25	A
dimethylpolysiloxane	Uncultivated non-ag	0.02	N/A	31.0	A
dimethylpolysiloxane	Water area	0.01	1	22.0	A
dimethylpolysiloxane	Wheat	0.04	1	190.0	A
dinotefuran	Grape, wine	172.96	67	2,469.62	A
dinotefuran	Landscape maintenance	0.86	N/A	N/A	N/A
dinotefuran	N-grnhs plants in containers	0.2	2	0.06	A
dinotefuran	N-grnhs transplants	0.1	2	46,426.0	S
dinotefuran	N-outdr plants in containers	1.8	9	18.0	A
dinotefuran	Structural pest control	143.28	N/A	N/A	N/A
dioctyl dimethyl ammonium chloride	Grape, wine	0.92	1	15.0	A
dioctyl dimethyl ammonium chloride	Landscape maintenance	0.01	N/A	N/A	N/A
dioctyl dimethyl ammonium chloride	Structural pest control	0.04	N/A	N/A	N/A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>diphacinone</b>	Landscape maintenance	0.08	N/A	N/A	N/A
<b>diphacinone</b>	Structural pest control	0.34	N/A	N/A	N/A
<b>diphacinone, sodium salt</b>	Structural pest control	0.01	N/A	N/A	N/A
<b>diquat dibromide</b>	Landscape maintenance	116.67	N/A	N/A	N/A
<b>diquat dibromide</b>	Rights of way	10.02	N/A	N/A	N/A
<b>diquat dibromide</b>	Water (industrial)	334.69	N/A	45.25	A
<b>diquat dibromide</b>	Water area	194.18	29	30.52	A
<b>disodium octaborate anhydrous</b>	Rights of way	0.91	N/A	N/A	N/A
<b>disodium octaborate tetrahydrate</b>	Structural pest control	3,448.05	N/A	N/A	N/A
<b>dithiopyr</b>	Landscape maintenance	905.83	N/A	N/A	N/A
<b>dithiopyr</b>	Rights of way	131.49	N/A	N/A	N/A
<b>dithiopyr</b>	Structural pest control	2.0	N/A	N/A	N/A
<b>diuron</b>	Landscape maintenance	0.5	N/A	N/A	N/A
<b>diuron</b>	Rights of way	0.84	N/A	N/A	N/A
<b>diuron</b>	Structural pest control	2.0	N/A	N/A	N/A
<b>dodecylbenzene sulfonic acid</b>	Grape, wine	0.09	1	7.0	A
<b>edta, tetrasodium salt</b>	Grape, wine	0.01	1	7.0	A
<b>emamectin benzoate</b>	Landscape maintenance	0.03	N/A	N/A	N/A
<b>emamectin benzoate</b>	Structural pest control	0.01	N/A	N/A	N/A
<b>endothall, dipotassium salt</b>	Water (industrial)	93.07	N/A	7.5	A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>endothall, mono [n,n-dimethyl alkylamine] salt</b>	Water area	4.53	N/A	0.5	A
<b>esfenvalerate</b>	Apple	0.69	1	10.0	A
<b>esfenvalerate</b>	Structural pest control	25.26	N/A	N/A	N/A
<b>ethephon</b>	Landscape maintenance	292.02	N/A	N/A	N/A
<b>ethephon</b>	Olive	0.04	2	0.5	A
<b>ethephon</b>	Structural pest control	0.48	N/A	N/A	N/A
<b>ethofumesate</b>	Landscape maintenance	34.17	N/A	N/A	N/A
<b>etofenprox</b>	Public health	26.87	N/A	N/A	N/A
<b>etofenprox</b>	Structural pest control	0.42	N/A	N/A	N/A
<b>etoxazole</b>	Grape, wine	140.93	45	2,141.26	A
<b>farnesol</b>	Grape, wine	0.15	3	30.6	A
<b>fatty acids derived from tallow</b>	Rights of way	0.08	N/A	N/A	N/A
<b>fatty acids, c16-18 and c18-unsaturated, branched and linear</b>	Grape, wine	0.25	1	10.0	A
<b>fatty acids, c16-c18 and c18-unsaturated, methyl esters</b>	Grape, wine	51.16	94	629.41	A
<b>fatty acids, c16-c18 and c18-unsaturated, methyl esters</b>	Water (industrial)	7.56	N/A	115.0	A
<b>fatty acids, methyl esters</b>	Grape, wine	218.19	90	224.33	A
<b>fatty acids, mixed</b>	Grape, wine	1.57	3	24.16	A
<b>fatty acids, mixed</b>	Rights of way	37.09	N/A	N/A	N/A
<b>fenhexamid</b>	Grape, wine	8,359.68	649	12,013.18	A
<b>fenhexamid</b>	N-grnhs flower	10.0	6	9.0	A
<b>fenhexamid</b>	N-grnhs transplants	1.8	4	184,878.0	S
<b>fenpropathrin</b>	Grape, wine	2.22	2	9.71	A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
fenpyroximate	Grape, wine	0.84	1	10.0	A
ferric sodium edta	Landscape maintenance	0.14	N/A	N/A	N/A
fipronil	Residential	0.25	N/A	960.0	S
fipronil	Structural pest control	133.96	N/A	N/A	N/A
flazasulfuron	Grape, wine	239.15	850	9,178.29	A
fluazifop-butyl	Grape, wine	2.86	2	11.5	A
fluazifop-butyl	Landscape maintenance	0.02	N/A	N/A	N/A
fluazifop-p-butyl	Grape, wine	167.12	101	743.37	A
fluazifop-p-butyl	Landscape maintenance	0.13	N/A	N/A	N/A
fluazinam	Landscape maintenance	49.63	N/A	N/A	N/A
fludioxonil	Golf course turf	0.12	N/A	35,000.0	S
fludioxonil	Grape, wine	1,089.85	324	5,052.28	A
fludioxonil	Landscape maintenance	0.6	2	3.0	A
fludioxonil	Landscape maintenance	16.22	N/A	N/A	N/A
fludioxonil	N-grnhs flower	8.63	16	45.5	A
flumioxazin	Apple	0.75	1	10.0	A
flumioxazin	Grape, wine	2,910.74	953	10,609.25	A
flumioxazin	Landscape maintenance	5.07	N/A	N/A	N/A
flumioxazin	Rights of way	8.57	N/A	N/A	N/A
flumioxazin	Uncultivated ag	20.72	N/A	54.5	A
flumioxazin	Water area	0.48	N/A	6.0	A
fluopyram	Grape	2.16	1	19.62	A
fluopyram	Grape, wine	2,879.67	1,370	27,514.94	A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
fluopyram	Landscape maintenance	1.33	N/A	N/A	N/A
flupyradifurone	Grape, wine	231.46	97	2,105.92	A
flupyradifurone	Landscape maintenance	0.36	N/A	N/A	N/A
flupyradifurone	N-grnhs transplants	0.26	2	45,309.0	S
flurecol-methyl	Landscape maintenance	0.01	N/A	N/A	N/A
fluridone	Landscape maintenance	1.96	N/A	N/A	N/A
fluridone	Water (industrial)	7.45	N/A	31.0	A
fluridone	Water area	1.35	N/A	4.48	A
fluridone	Water area	7.12	N/A	2,613.6	K
fluroxypyr, 1-methylheptyl ester	Rights of way	0.4	N/A	N/A	N/A
flurprimidol	Landscape maintenance	4.82	N/A	N/A	N/A
flutianil	Grape, wine	50.28	68	2,409.92	A
flutolanil	Landscape maintenance	10.5	1	1.5	A
flutolanil	Landscape maintenance	10.78	N/A	N/A	N/A
flutriafol	Apple	6.99	6	86.0	A
flutriafol	Grape	<0.01	1	0.05	A
flutriafol	Grape, wine	932.33	546	11,625.41	A
flutriafol	Unknown	0.06	1	0.8	A
fluxapyroxad	Grape, wine	1.96	2	22.0	A
fluxapyroxad	Landscape maintenance	10.17	N/A	N/A	N/A
forchlorfenuron	Grape, wine	0.08	2	17.75	A
fosetyl-al	Landscape maintenance	26.53	N/A	N/A	N/A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
fosetyl-al	N-grnhs flower	7.0	2	2.5	A
fosetyl-al	N-grnhs plants in containers	0.25	1	1,830.0	S
fosetyl-al	N-outdr plants in containers	4.86	7	35,547.0	S
fox urine	Structural pest control	0.11	N/A	N/A	N/A
free fatty acids and/or amine salts	Landscape maintenance	17.94	N/A	N/A	N/A
gamma-cyhalothrin	Structural pest control	4.77	N/A	N/A	N/A
garlic	Cannabis (all or unspecified)	1.67	26	258,330.0	S
garlic	Grape, wine	9.31	6	38.5	A
geraniol	Grape, wine	0.36	3	30.6	A
glufosinate-ammonium	Apple	1.87	4	4.3	A
glufosinate-ammonium	Grape	23.04	2	19.64	A
glufosinate-ammonium	Grape, wine	14,243.92	1,869	16,184.76	A
glufosinate-ammonium	Landscape maintenance	756.3	N/A	N/A	N/A
glufosinate-ammonium	N-outdr plants in containers	6.86	5	16.0	A
glufosinate-ammonium	Rights of way	6.64	N/A	N/A	N/A
glufosinate-ammonium	Structural pest control	<0.01	N/A	N/A	N/A
glufosinate-ammonium	Uncultivated ag	3.77	1	2.5	A
glutaraldehyde	Water (industrial)	269.64	N/A	2.0	A
glutaraldehyde	Water (industrial)	100.74	N/A	96.0	U
glycerol	Grape	7.2	4	40.34	A
glycerol	Grape, wine	130.76	108	738.93	A
glyphosate, dimethylamine salt	Landscape maintenance	2.56	N/A	N/A	N/A



<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
glyphosate, dimethylamine salt	Rights of way	1,234.32	N/A	N/A	N/A
glyphosate, isopropylamine salt	Apple	7.99	1	10.0	A
glyphosate, isopropylamine salt	Grape, wine	9,477.82	623	5,328.97	A
glyphosate, isopropylamine salt	Landscape maintenance	2,994.81	N/A	N/A	N/A
glyphosate, isopropylamine salt	N-grnhs transplants	0.46	1	6,000.0	S
glyphosate, isopropylamine salt	N-outdr flower	8.45	2	8.25	A
glyphosate, isopropylamine salt	N-outdr plants in containers	25.18	6	5.65	A
glyphosate, isopropylamine salt	N-outdr transplants	1.12	1	2.0	A
glyphosate, isopropylamine salt	N-outdr transplants	2.8	4	90,000.0	S
glyphosate, isopropylamine salt	Oat	138.36	2	185.0	A
glyphosate, isopropylamine salt	Pastureland	3.35	2	1.5	A
glyphosate, isopropylamine salt	Rangeland	13.77	5	29.0	A
glyphosate, isopropylamine salt	Rights of way	795.08	N/A	N/A	N/A
glyphosate, isopropylamine salt	Structural pest control	68.03	N/A	N/A	N/A
glyphosate, isopropylamine salt	Uncultivated ag	211.16	6	29.85	A
glyphosate, isopropylamine salt	Uncultivated non-ag	50.12	N/A	98.0	A
glyphosate, isopropylamine salt	Water (industrial)	141.76	N/A	50.0	A
glyphosate, isopropylamine salt	Water area	134.38	1	31.0	A
glyphosate, isopropylamine salt	Water area	32.54	N/A	1.0	U
glyphosate, monoammonium salt	Landscape maintenance	1.51	N/A	N/A	N/A
glyphosate, potassium salt	Apple	1.38	1	10.0	A
glyphosate, potassium salt	Grape	3.75	2	1.1	A
glyphosate, potassium salt	Grape, wine	30,921.62	1,461	18,036.45	A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
glyphosate, potassium salt	Landscape maintenance	670.86	N/A	N/A	N/A
glyphosate, potassium salt	N-outdr flower	16.46	2	9.0	A
glyphosate, potassium salt	N-outdr plants in containers	35.86	13	49.0	A
glyphosate, potassium salt	N-outdr plants in containers	15.56	28	233,034.0	S
glyphosate, potassium salt	Oat	206.88	1	150.0	A
glyphosate, potassium salt	Olive	3.1	1	4.0	A
glyphosate, potassium salt	Rangeland	51.84	6	620.0	A
glyphosate, potassium salt	Rights of way	16.55	N/A	N/A	N/A
glyphosate, potassium salt	Uncultivated ag	443.44	4	333.25	A
glyphosate, potassium salt	Walnut	1.29	1	0.12	A
glyphosate, potassium salt	Water area	4.14	1	1.0	A
harpin protein	Grape, wine	0.01	4	17.0	A
heptamethyltrisiloxane ethoxylated	Landscape maintenance	0.04	N/A	N/A	N/A
heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	N-grnhs flower	828.42	103	516.0	A
heptyl butyrate	Landscape maintenance	0.67	N/A	N/A	N/A
hexaflumuron	Structural pest control	0.06	N/A	N/A	N/A
hexazinone	N-outdr flower	10.18	1	10.0	A
hexythiazox	Grape, wine	24.47	10	130.0	A
hydramethylnon	Structural pest control	0.59	N/A	N/A	N/A
hydrogen peroxide	Apple	3.58	7	5.25	A
hydrogen peroxide	Blueberry	1.24	4	3.0	A
hydrogen peroxide	Cannabis (all or unspecified)	4.07	12	22,305.0	S
hydrogen peroxide	Grape, wine	709.64	34	520.92	A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
hydrogen peroxide	Landscape maintenance	18.56	N/A	N/A	N/A
hydrogen peroxide	N-grnhs transplants	0.62	1	800.0	S
hydrogen peroxide	N-grnhs transplants	4.24	14	267.0	U
hydrogen peroxide	Pome fruit	44.22	11	52.01	A
hydrogen peroxide	Water (industrial)	138.41	N/A	6.5	A
hydrogen peroxide	Water area	297.13	N/A	131.02	U
hydroprene	Structural pest control	2.1	N/A	N/A	N/A
iba	Cannabis (all or unspecified)	0.69	250	120,000.0	S
imazamox, ammonium salt	Landscape maintenance	0.53	N/A	N/A	N/A
imazapyr, isopropylamine salt	Forest, timberland	95.45	7	160.0	A
imazapyr, isopropylamine salt	Rights of way	206.23	N/A	N/A	N/A
imidacloprid	Cannabis (all or unspecified)	0.16	50	30,841.0	U
imidacloprid	Grape	8.92	1	19.62	A
imidacloprid	Grape, wine	2,027.28	368	7,742.4	A
imidacloprid	Landscape maintenance	141.61	N/A	N/A	N/A
imidacloprid	N-grnhs flower	0.05	2	0.25	A
imidacloprid	N-grnhs plants in containers	0.47	4	0.12	A
imidacloprid	N-grnhs plants in containers	0.95	25	31,240.0	S
imidacloprid	N-grnhs plants in containers	0.22	3	7,000.0	U
imidacloprid	N-grnhs transplants	1.03	5	187,764.0	S

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
imidacloprid	N-outdr flower	0.13	4	0.55	A
imidacloprid	N-outdr plants in containers	0.81	7	24.0	A
imidacloprid	N-outdr plants in containers	2.35	31	74,795.0	S
imidacloprid	N-outdr plants in containers	0.03	1	1,000.0	U
imidacloprid	Structural pest control	335.88	N/A	N/A	N/A
indaziflam	Grape, wine	397.41	1,168	11,322.62	A
indaziflam	Landscape maintenance	2.14	N/A	N/A	N/A
indaziflam	Rights of way	17.55	N/A	N/A	N/A
indaziflam	Uncultivated ag	0.14	1	3.0	A
indole	Structural pest control	<0.01	N/A	N/A	N/A
indoxacarb	Landscape maintenance	0.51	N/A	N/A	N/A
indoxacarb	Structural pest control	1.73	N/A	N/A	N/A
iodine	Structural pest control	1.0	N/A	N/A	N/A
iprodione	Grape, wine	59.93	2	80.0	A
iprodione	Landscape maintenance	5.0	1	1.5	A
iprodione	Landscape maintenance	188.91	N/A	N/A	N/A
iprodione	N-grnhs flower	9.75	5	7.0	A
iprodione	N-grnhs flower	1.5	1	75,000.0	S
iprodione	N-grnhs plants in containers	0.05	1	549.0	S
iprodione	N-outdr plants in containers	1.62	6	19,215.0	S

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>iprodione</b>	Peach	0.25	1	1.0	A
<b>iron phosphate</b>	Landscape maintenance	34.42	N/A	N/A	N/A
<b>iron phosphate</b>	N-grnhs transplants	0.08	3	1.54	A
<b>iron phosphate</b>	N-grnhs transplants	0.68	4	209,471.0	S
<b>iron phosphate</b>	N-outdr plants in containers	0.15	3	3.0	A
<b>iron phosphate</b>	Strawberry	0.02	1	0.2	A
<b>iron phosphate</b>	Structural pest control	0.29	N/A	N/A	N/A
<b>isopropyl alcohol</b>	Grape, wine	0.94	5	42.0	A
<b>isopropyl alcohol</b>	Structural pest control	3.86	N/A	N/A	N/A
<b>isopropylamine dodecylbenzene sulfonate</b>	Rights of way	1.7	N/A	N/A	N/A
<b>isoxaben</b>	Grape, wine	2.33	2	9.18	A
<b>isoxaben</b>	Landscape maintenance	127.91	N/A	N/A	N/A
<b>isoxaben</b>	Rights of way	233.45	N/A	N/A	N/A
<b>isoxaben</b>	Structural pest control	2.06	N/A	N/A	N/A
<b>kaolin</b>	Apple	15,573.83	71	450.2	A
<b>kaolin</b>	Grape, wine	10,686.75	96	990.23	A
<b>kaolin</b>	Landscape maintenance	23.75	N/A	N/A	N/A
<b>kaolin</b>	Olive	901.46	22	35.64	A
<b>kaolin</b>	Olive	41.56	2	115.0	U
<b>kresoxim-methyl</b>	Apple	4.25	2	12.0	A
<b>kresoxim-methyl</b>	Grape, wine	251.63	98	1,931.05	A
<b>lactic acid</b>	Grape, wine	0.3	1	9.0	A
<b>lactose</b>	Grape, wine	0.01	1	3.5	A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>lactose</b>	Peach	0.01	1	1.0	A
<b>lambda-cyhalothrin</b>	Structural pest control	15.93	N/A	N/A	N/A
<b>laminarin</b>	Grape, wine	1.73	6	44.14	A
<b>lavandulyl senecioate</b>	Grape, wine	208.1	544	16,413.17	A
<b>lecithin</b>	Grape, wine	16.08	4	78.14	A
<b>lecithin</b>	Landscape maintenance	1.56	N/A	N/A	N/A
<b>lecithin</b>	N-outdr plants in containers	4.95	12	20.0	A
<b>lecithin</b>	Rights of way	28.38	N/A	N/A	N/A
<b>lecithin</b>	Water (industrial)	0.75	N/A	3.0	A
<b>lignin sulfonic acid, copper salt</b>	Landscape maintenance	0.38	N/A	N/A	N/A
<b>lime-sulfur</b>	Apple	4,734.42	79	486.85	A
<b>lime-sulfur</b>	Apple	1.26	3	25.0	U
<b>lime-sulfur</b>	Grape, wine	1,817.64	9	134.8	A
<b>lime-sulfur</b>	Pear	6.14	1	1.0	A
<b>lime-sulfur</b>	Pear	0.66	3	14.0	U
<b>lime-sulfur</b>	Stone fruit	2.81	4	45.1	U
<b>limonene</b>	Landscape maintenance	61.53	N/A	N/A	N/A
<b>limonene</b>	Structural pest control	47.42	N/A	N/A	N/A
<b>limonene</b>	Water (industrial)	37.79	N/A	115.0	A
<b>low molecular weight paraffinic oil</b>	Grape, wine	8.5	36	1,007.63	A
<b>magnesium phosphide</b>	Barley	0.11	N/A	3,000.0	C
<b>magnesium phosphide</b>	Herb, spice	1.79	N/A	39,000.0	C
<b>magnesium phosphide</b>	Herb, spice	0.28	N/A	6,000.0	S
<b>malathion</b>	Grape, wine	92.0	1	48.0	A
<b>malathion</b>	Landscape maintenance	2.2	N/A	N/A	N/A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
malathion	N-grnhs flower	0.03	1	0.1	A
malathion	N-outdr flower	0.08	2	0.25	A
malathion	N-outdr plants in containers	1.17	3	12.0	A
malathion	Walnut	12.27	1	10.0	A
mancozeb	Apple	76.5	2	34.0	A
mancozeb	Grape, wine	3.38	2	4.0	A
mancozeb	Landscape maintenance	370.1	N/A	N/A	N/A
mancozeb	N-outdr flower	9.75	1	5.5	A
mancozeb	Structural pest control	5.25	N/A	N/A	N/A
manganese sulfate	Grape, wine	0.6	1	5.25	A
margosa oil	Cannabis (all or unspecified)	0.59	43	43,586.0	S
margosa oil	N-grnhs plants in containers	0.06	1	225.0	S
margosa oil	N-outdr plants in containers	1.35	2	10.0	A
mcpp-p, dimethylamine salt	Landscape maintenance	23.02	N/A	N/A	N/A
mecoprop-p	Landscape maintenance	25.72	N/A	N/A	N/A
mefenoxam	Landscape maintenance	6.21	N/A	N/A	N/A
mefenoxam	N-grnhs plants in containers	0.16	2	0.06	A
mefenoxam	N-grnhs plants in containers	0.71	11	37,439.0	U
mefenoxam	N-grnhs transplants	0.05	1	3,888.0	S
mefenoxam	N-outdr plants in containers	0.03	1	2.0	A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
mefenoxam	N-outdr plants in containers	0.15	2	5,610.0	S
mefenoxam	N-outdr plants in containers	1.1	12	57,957.0	U
mefenoxam	Structural pest control	0.21	N/A	N/A	N/A
mefenoxam, other related	Landscape maintenance	0.2	N/A	N/A	N/A
mefenoxam, other related	N-grnhs plants in containers	0.01	2	0.06	A
mefenoxam, other related	N-grnhs plants in containers	0.02	11	37,439.0	U
mefenoxam, other related	N-grnhs transplants	<0.01	1	3,888.0	S
mefenoxam, other related	N-outdr plants in containers	0.01	2	5,610.0	S
mefenoxam, other related	N-outdr plants in containers	0.04	12	57,957.0	U
mefenoxam, other related	Structural pest control	0.01	N/A	N/A	N/A
mesotrione	Grape, wine	0.5	1	9.0	A
mesotrione	N-outdr plants in containers	0.39	1	2.5	A
metaflumizone	Grape, wine	0.56	28	595.62	A
metaldehyde	N-grnhs plants in containers	0.14	4	0.12	A
metaldehyde	N-grnhs plants in containers	0.36	12	1,080.0	U
metam-sodium	Rights of way	495.16	N/A	N/A	N/A
metconazole	Landscape maintenance	41.08	N/A	N/A	N/A
methoprene	Public health	2,167.17	N/A	N/A	N/A



<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
methoprene	Structural pest control	0.05	N/A	N/A	N/A
methoprene	Water area	67.73	N/A	480.5	A
methoxyfenozide	Apple	3.39	1	10.0	A
methoxyfenozide	Grape, wine	56.35	17	250.3	A
methoxyfenozide	N-grnhs transplants	0.74	3	152,982.0	S
methoxyfenozide	N-outdr plants in containers	7.45	36	180.0	A
methyl anthranilate	Grape, wine	1.33	1	2.0	A
methyl silicone resins	Grape, wine	929.89	305	5,500.71	A
methyl silicone resins	Rights of way	0.66	N/A	N/A	N/A
methyl-2,7-dichloro-9-hydroxyfluorene-9-carboxylate	Landscape maintenance	<0.01	N/A	N/A	N/A
methylated soybean oil	Forest, timberland	313.76	8	422.0	A
methylated soybean oil	Grape	<0.01	1	0.02	A
methylated soybean oil	Grape, wine	6,819.81	1,595	16,891.1	A
methylated soybean oil	Landscape maintenance	11.35	N/A	N/A	N/A
methylated soybean oil	N-outdr plants in containers	2.47	12	20.0	A
methylated soybean oil	Oat	99.49	3	457.8	A
methylated soybean oil	Pastureland	12.38	1	56.0	A
methylated soybean oil	Rangeland	117.44	2	540.0	A
methylated soybean oil	Rights of way	189.42	N/A	N/A	N/A
methylated soybean oil	Ryegrass	1.3	1	6.0	A
methylated soybean oil	Uncultivated ag	52.89	3	229.5	A
methylated soybean oil	Water area	5.31	26	24.3	A
methylated soybean oil	Wheat	0.22	1	190.0	A
metofluthrin	Structural pest control	0.01	N/A	N/A	N/A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
metrafenone	Grape, wine	5,307.36	668	18,642.2	A
mineral oil	Apple	18,004.11	84	557.6	A
mineral oil	Apple	1.36	3	25.0	U
mineral oil	Cannabis (all or unspecified)	9.4	3	1.4	A
mineral oil	Cannabis (all or unspecified)	336.08	81	1,356,888.0	S
mineral oil	Cherry	0.22	2	0.2	A
mineral oil	Fumigation, other	3.53	1	1.0	A
mineral oil	Golf course turf	79.9	N/A	360,000.0	S
mineral oil	Grape, wine	252,743.52	2,654	52,167.37	A
mineral oil	Landscape maintenance	5,132.71	N/A	N/A	N/A
mineral oil	N-grnhs plants in containers	1.36	4	3,130.0	S
mineral oil	N-grnhs transplants	18.41	5	105,525.0	S
mineral oil	N-outdr plants in containers	21.11	1	2.0	A
mineral oil	N-outdr plants in containers	5.6	5	12,866.75	S
mineral oil	Nectarine	0.87	1	0.25	A
mineral oil	Olive	53.28	10	40.0	A
mineral oil	Olive	0.48	1	30.0	U
mineral oil	Peach	7.91	2	1.25	A
mineral oil	Pear	47.81	16	9.95	A
mineral oil	Pear	0.68	3	14.0	U
mineral oil	Pome fruit	25.95	3	3.0	A
mineral oil	Public health	1,753.66	N/A	N/A	N/A
mineral oil	Rights of way	276.46	N/A	N/A	N/A
mineral oil	Stone fruit	1.37	8	1.4	A
mineral oil	Stone fruit	2.91	4	45.1	U

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
mineral oil	Unknown	66.24	3	12.52	A
msma	Landscape maintenance	2.53	N/A	N/A	N/A
muscalure	Structural pest control	0.1	N/A	N/A	N/A
myclobutanil	Apple	2.1	2	20.0	A
myclobutanil	Grape, wine	832.55	422	9,280.62	A
myclobutanil	Landscape maintenance	2.29	N/A	N/A	N/A
myclobutanil	N-outdr plants in containers	0.37	2	4.0	A
myrothecium verrucaria, dried fermentation solids & solubles, strain aarc-0255	Grape, wine	1,150.63	13	135.88	A
n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	Grape, wine	22.78	210	3,179.5	A
n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	Landscape maintenance	0.01	N/A	N/A	N/A
n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	Olive	0.06	1	30.0	U
n-octyl bicycloheptene dicarboximide	Structural pest control	191.31	N/A	N/A	N/A
naa	Cannabis (all or unspecified)	0.34	247	118,560.0	S
naa, ammonium salt	Landscape maintenance	1.48	N/A	N/A	N/A
nerolidol	Grape, wine	0.36	3	30.6	A
novaluron	Structural pest control	0.76	N/A	N/A	N/A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
noviflumuron	Structural pest control	0.52	N/A	N/A	N/A
octyl decyl dimethyl ammonium chloride	Grape, wine	2.3	1	15.0	A
octyl decyl dimethyl ammonium chloride	Landscape maintenance	0.03	N/A	N/A	N/A
octyl decyl dimethyl ammonium chloride	Structural pest control	0.07	N/A	N/A	N/A
oleic acid, ethyl ester	Grape, wine	1,945.54	199	4,270.51	A
oleic acid, ethyl ester	Landscape maintenance	3.1	N/A	N/A	N/A
oleic acid, ethyl ester	Rights of way	1.69	N/A	N/A	N/A
oleic acid, ethyl ester	Uncultivated ag	5.52	N/A	7.0	A
oleic acid, methyl ester	Grape, wine	15,013.7	174	4,487.2	A
oleic acid, methyl ester	Rights of way	7.58	N/A	N/A	N/A
oleic acid, methyl ester	Uncultivated ag	2.37	1	2.5	A
organosilicone, poly oxyalkylene ether copolymer	Landscape maintenance	59.0	N/A	N/A	N/A
organosilicone, poly oxyalkylene ether copolymer	N-grnhs flower	<0.01	N/A	1.0	S
organosilicone, poly oxyalkylene ether copolymer	Structural pest control	1.43	N/A	N/A	N/A
orthosulfamuron	Grape, wine	41.52	14	227.78	A
oryzalin	Landscape maintenance	89.5	N/A	N/A	N/A
oryzalin	Rights of way	3.12	N/A	N/A	N/A
oryzalin	Structural pest control	1.66	N/A	N/A	N/A
oxadiazon	Landscape maintenance	0.24	N/A	N/A	N/A
oxyfluorfen	Grape	0.56	2	1.1	A
oxyfluorfen	Grape, wine	4,725.27	494	6,616.49	A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
oxyfluorfen	Landscape maintenance	52.94	N/A	N/A	N/A
oxyfluorfen	N-outdr flower	32.01	5	27.25	A
oxyfluorfen	Uncultivated ag	4.13	2	4.5	A
oxytetracycline hydrochloride	Landscape maintenance	0.01	N/A	N/A	N/A
paclobutrazol	Landscape maintenance	7.75	N/A	N/A	N/A
paclobutrazol	Water (industrial)	0.46	N/A	3.0	A
paecilomyces fumosoroseus apopka strain 97	Cannabis (all or unspecified)	3.73	56	120,710.0	S
pcnb	Landscape maintenance	167.96	N/A	N/A	N/A
pendimethalin	Grape, wine	4,995.47	349	4,034.67	A
pendimethalin	Landscape maintenance	157.68	N/A	N/A	N/A
pendimethalin	N-outdr flower	19.41	2	8.25	A
pendimethalin	Rights of way	5.66	N/A	N/A	N/A
penoxsulam	Landscape maintenance	3.22	N/A	N/A	N/A
penthiopyrad	Landscape maintenance	51.6	N/A	N/A	N/A
penthiopyrad	Public health	1.59	N/A	N/A	N/A
permethrin	Landscape maintenance	68.71	N/A	N/A	N/A
permethrin	N-outdr flower	0.79	2	2.0	A
permethrin	Squash	1.81	2	12.0	A
permethrin	Structural pest control	144.62	N/A	N/A	N/A
permethrin, other related	Structural pest control	<0.01	N/A	N/A	N/A
peroxyacetic acid	Apple	0.26	7	5.25	A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
peroxyacetic acid	Blueberry	0.09	4	3.0	A
peroxyacetic acid	Cannabis (all or unspecified)	0.14	1	1,505.0	S
peroxyacetic acid	Grape, wine	43.64	32	472.89	A
peroxyacetic acid	N-grnhs transplants	0.05	1	800.0	S
peroxyacetic acid	N-grnhs transplants	0.31	14	267.0	U
peroxyacetic acid	Pome fruit	3.26	11	52.01	A
peroxyacetic acid	Water (industrial)	31.89	N/A	6.5	A
peroxyacetic acid	Water area	202.59	N/A	131.02	U
petroleum distillates	Public health	5.09	N/A	N/A	N/A
petroleum distillates	Structural pest control	0.13	N/A	N/A	N/A
petroleum oil, paraffin based	Grape, wine	4.61	2	20.0	A
petroleum oil, unclassified	Apple	28.48	3	2.0	A
petroleum oil, unclassified	Fumigation, other	3.53	1	1.0	A
petroleum oil, unclassified	Grape, wine	268.05	1	37.0	A
petroleum oil, unclassified	Landscape maintenance	5.64	N/A	N/A	N/A
petroleum oil, unclassified	N-grnhs plants in containers	0.4	1	963.0	S
petroleum oil, unclassified	N-outdr plants in containers	0.27	1	642.0	S
phenothrin	Public health	0.01	N/A	N/A	N/A
phenothrin	Structural pest control	0.37	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	0.08	N/A	N/A	N/A
phosmet	Apple	9.8	4	6.6	A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
phosphoric acid	Grape	1.88	3	20.72	A
phosphoric acid	Grape, wine	39.22	22	315.07	A
piperalin	N-grnhs flower	74.98	31	87.5	A
piperonyl butoxide	Public health	122.99	N/A	N/A	N/A
piperonyl butoxide	Structural pest control	207.49	N/A	N/A	N/A
piperonyl butoxide, other related	Public health	1.27	N/A	N/A	N/A
piperonyl butoxide, other related	Structural pest control	43.37	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	121.01	416	4,590.15	A
poly(oxy-1,2-ethanediyl), alpha-isodecyl-omega-hydroxy-phosphate, potassium salt	Grape, wine	0.17	4	8.25	A
poly(oxy-1,2-ethanediyl), alpha-isodecyl-omega-hydroxy-phosphate, potassium salt	Olive	0.72	4	6.0	A
poly(oxyethylene) (dimethylimino) ethylene (dimethylimino) ethylene dichloride	N-grnhs transplants	2.8	18	530.0	U
poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	Grape, wine	176.82	301	5,479.71	A
poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	N-grnhs flower	157.79	103	516.0	A
poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	Rights of way	0.13	N/A	N/A	N/A
poly-i-para-menthene	Grape, wine	903.8	222	3,106.06	A
poly-i-para-menthene	Olive	0.05	1	0.1	A
poly-i-para-menthene	Rangeland	0.04	1	200.0	A
poly-i-para-menthene	Unknown	1.02	2	4.29	A
polyacrylamide polymer	Grape	0.61	3	20.72	A
polyacrylamide polymer	Grape, wine	1.02	8	77.91	A
polyacrylamide polymer	Oat	15.64	7	732.0	A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
polyacrylamide polymer	Rights of way	9.47	N/A	N/A	N/A
polyalkene oxide modified heptamethyl trisiloxane	Forest, timberland	0.66	3	300.0	A
polyalkene oxide modified heptamethyl trisiloxane	Grape, wine	2.13	10	86.75	A
polyalkene oxide modified heptamethyl trisiloxane	Landscape maintenance	7.87	N/A	N/A	N/A
polyalkene oxide modified heptamethyl trisiloxane	N-grnhs flower	3.5	37	36.5	A
polyalkene oxide modified heptamethyl trisiloxane	N-outdr flower	0.31	4	4.0	A
polyalkene oxide modified heptamethyl trisiloxane	Structural pest control	0.07	N/A	N/A	N/A
polyalkyleneoxide modified polydimethyl-siloxane	Grape, wine	92.08	103	1,552.97	A
polyether modified polysiloxane	Grape, wine	29.35	37	134.06	A
polyethoxylated castor oil	Grape, wine	1,215.61	510	5,219.56	A
polyethylene glycol	Grape, wine	66.66	44	549.15	A
polyethylene glycol diacetate	Grape, wine	99.96	169	4,453.2	A
polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	Grape, wine	7.65	16	92.16	A
polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	Landscape maintenance	0.1	N/A	N/A	N/A
polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	N-grnhs flower	3.21	23	25.5	A
polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	N-outdr flower	0.09	1	1.0	A
polyethylene glycol stearate	Grape, wine	486.39	199	4,270.51	A
polyethylene glycol stearate	Landscape maintenance	0.53	N/A	N/A	N/A
polyethylene glycol stearate	Rights of way	0.42	N/A	N/A	N/A
polyethylene glycol stearate	Uncultivated ag	1.38	N/A	7.0	A



<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
polymerized acrylic acid	Grape, wine	0.77	1	10.0	A
polymerized pinene	Grape, wine	79.26	22	278.77	A
polyoxin d, zinc salt	Grape, wine	213.45	282	4,632.13	A
polyoxin d, zinc salt	Landscape maintenance	2.44	N/A	N/A	N/A
polyoxyethylene dioleate	Landscape maintenance	0.17	N/A	N/A	N/A
polyoxyethylene polyol fatty acid esters	Grape, wine	665.74	366	3,686.69	A
polyoxyethylene polyoxypropylene	Grape, wine	0.03	3	35.5	A
polyoxyethylene polyoxypropylene	Rights of way	<0.01	N/A	N/A	N/A
polyoxyethylene sorbitan mixed fatty acid esters	Grape, wine	67.69	12	259.11	A
polyoxyethylene sorbitan mixed fatty acid esters	Uncultivated ag	25.9	N/A	19.0	A
polyoxyethylene sorbitan mixed fatty acid esters	Water area	18.39	N/A	6.0	A
polyoxyethylene sorbitan monolaurate	Grape, wine	4,465.77	235	9,104.44	A
polyoxyethylene sorbitan monolaurate	Landscape maintenance	96.91	N/A	N/A	N/A
polyoxyethylene sorbitan monolaurate	Oat	56.01	1	280.0	A
polyoxyethylene sorbitan monolaurate	Rangeland	8.0	1	40.0	A
polyoxyethylene sorbitan monolaurate	Water area	48.61	26	24.3	A
polyoxyethylene sorbitan monooleate	Landscape maintenance	0.05	N/A	N/A	N/A
polyoxyethylene sorbitan monooleate	Rights of way	6.79	N/A	N/A	N/A
polyoxyethylene sorbitan trioleate	Rights of way	44.73	N/A	N/A	N/A
polyoxyethylene sorbitol, mixed ether ester	Grape, wine	0.95	2	20.0	A
polypropylene glycol	Grape, wine	0.6	19	243.23	A
polysaccharide polymer	Oat	1.74	7	732.0	A
polysiloxane	Grape, wine	0.03	1	20.0	A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
polysorbate 65	Landscape maintenance	0.05	N/A	N/A	N/A
potash soap	Apple	0.3	1	0.1	A
potash soap	Cannabis (all or unspecified)	72.02	435	465,674.0	S
potash soap	Cannabis (all or unspecified)	2.17	9	3,966.0	U
potash soap	Grape, wine	104.08	2	25.0	A
potash soap	Landscape maintenance	0.11	N/A	N/A	N/A
potash soap	N-grnhs flower	11.94	7	30,850.0	S
potash soap	N-outdr plants in containers	3.56	3	4,722.0	S
potassium bicarbonate	Cannabis (all or unspecified)	4.28	10	18,925.0	S
potassium bicarbonate	Grape, wine	5,631.1	157	2,126.82	A
potassium bicarbonate	N-grnhs transplants	5.74	2	91,665.0	S
potassium bicarbonate	N-outdr plants in containers	0.37	3	1,925.0	S
potassium bicarbonate	Unknown	25.67	1	6.26	A
potassium phosphite	Cannabis (all or unspecified)	45.42	373	403,979.0	S
potassium phosphite	Grape, wine	11.11	3	7.5	A
potassium phosphite	Landscape maintenance	4,822.58	N/A	N/A	N/A
potassium phosphite	N-grnhs transplants	2.4	3	103,613.0	S
potassium phosphite	Structural pest control	46.73	N/A	N/A	N/A
potassium silicate	Cannabis (all or unspecified)	8.3	128	135,330.0	S
potassium silicate	Grape, wine	243.54	4	52.79	A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>prallethrin</b>	Structural pest control	2.73	N/A	N/A	N/A
<b>prodiamine</b>	Landscape maintenance	22,499.13	N/A	N/A	N/A
<b>propamocarb hydrochloride</b>	Landscape maintenance	35.62	N/A	N/A	N/A
<b>propiconazole</b>	Golf course turf	0.47	N/A	35,000.0	S
<b>propiconazole</b>	Landscape maintenance	2.35	2	3.0	A
<b>propiconazole</b>	Landscape maintenance	94.85	N/A	N/A	N/A
<b>propiconazole</b>	N-outdr plants in containers	0.07	4	19,775.0	S
<b>propiconazole</b>	Structural pest control	0.4	N/A	N/A	N/A
<b>propionic acid</b>	Water (industrial)	0.75	N/A	3.0	A
<b>propoxur</b>	Structural pest control	0.02	N/A	N/A	N/A
<b>propylene glycol</b>	Grape, wine	23.09	37	393.77	A
<b>propylene glycol</b>	Landscape maintenance	34.56	N/A	N/A	N/A
<b>propylene glycol</b>	N-grnhs flower	14.76	60	62.0	A
<b>propylene glycol</b>	N-grnhs flower	<0.01	N/A	1.0	S
<b>propylene glycol</b>	N-outdr flower	0.89	5	5.0	A
<b>propylene glycol</b>	Structural pest control	0.5	N/A	N/A	N/A
<b>putrescent whole egg solids</b>	Structural pest control	0.01	N/A	N/A	N/A
<b>pydiflumetofen</b>	Grape, wine	112.28	25	872.65	A
<b>pymetrozine</b>	N-grnhs flower	2.81	2	10.0	A
<b>pymetrozine</b>	N-outdr plants in containers	3.72	36	180.0	A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
pyraclostrobin	Grape, wine	616.05	228	5,264.56	A
pyraclostrobin	Landscape maintenance	31.96	N/A	N/A	N/A
pyraclostrobin	N-grnhs flower	4.1	10	13.0	A
pyraclostrobin	N-grnhs flower	1.76	2	150,000.0	S
pyraclostrobin	N-grnhs plants in containers	0.08	4	2,562.0	S
pyraclostrobin	N-grnhs plants in containers	4.77	22	165,697.0	U
pyraclostrobin	N-grnhs transplants	0.86	4	142,925.0	S
pyraclostrobin	N-outdr plants in containers	0.72	10	28.5	A
pyraclostrobin	N-outdr plants in containers	0.87	7	21,375.0	S
pyraclostrobin	N-outdr plants in containers	5.2	22	89,163.0	U
pyraflufen-ethyl	Grape	0.1	1	19.62	A
pyraflufen-ethyl	Grape, wine	3.13	110	912.54	A
pyraflufen-ethyl	Pastureland	0.12	3	28.0	A
pyrethrins	Cannabis (all or unspecified)	0.26	98	251,166.0	S
pyrethrins	Cannabis (all or unspecified)	0.2	61	36,129.0	U
pyrethrins	Grape, wine	8.38	59	217.5	A
pyrethrins	N-grnhs flower	<0.01	1	0.1	A
pyrethrins	N-grnhs flower	0.52	36	69,250.0	S
pyrethrins	N-grnhs transplants	0.08	3	28,248.0	S
pyrethrins	N-outdr plants in containers	1.06	34	170.0	A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
pyrethrins	N-outdr plants in containers	0.08	2	13,375.0	S
pyrethrins	Olive	0.14	4	6.0	A
pyrethrins	Peas	<0.01	2	0.2	A
pyrethrins	Pome fruit	0.12	2	2.0	A
pyrethrins	Public health	24.0	N/A	N/A	N/A
pyrethrins	Structural pest control	79.37	N/A	N/A	N/A
pyrethrins	Swiss chard	<0.01	2	0.2	A
pyridalyl	N-grnhs flower	41.74	25	128.0	A
pyrimethanil	Grape, wine	1,764.04	236	5,120.56	A
pyriofenone	Grape, wine	1,298.4	776	13,712.51	A
pyriproxyfen	Apple	1.09	1	10.0	A
pyriproxyfen	Landscape maintenance	0.38	N/A	N/A	N/A
pyriproxyfen	Structural pest control	8.03	N/A	N/A	N/A
pyroxsulam	Wheat	2.52	2	430.0	A
qst 713 strain of dried bacillus subtilis	Apple	0.02	1	2.5	A
qst 713 strain of dried bacillus subtilis	Arugula	0.01	16	5,000.0	S
qst 713 strain of dried bacillus subtilis	Basil, sweet	0.01	5	2,000.0	S
qst 713 strain of dried bacillus subtilis	Broccoli	<0.01	1	50.0	S
qst 713 strain of dried bacillus subtilis	Cannabis (all or unspecified)	0.94	55	118,564.0	S
qst 713 strain of dried bacillus subtilis	Carrot	<0.01	1	250.0	S
qst 713 strain of dried bacillus subtilis	Cauliflower	<0.01	5	1,000.0	S
qst 713 strain of dried bacillus subtilis	Chicory	0.01	7	1,950.0	S
qst 713 strain of dried bacillus subtilis	Chinese amaranth (chinese spinach, tampala, yin choy)	<0.01	4	500.0	S
qst 713 strain of dried bacillus subtilis	Cucumber	<0.01	2	500.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
qst 713 strain of dried bacillus subtilis	Dandelion green	0.01	8	2,100.0	S
qst 713 strain of dried bacillus subtilis	Eggplant	<0.01	2	800.0	S
qst 713 strain of dried bacillus subtilis	Fava bean	<0.01	6	1,500.0	S
qst 713 strain of dried bacillus subtilis	Grape	0.3	1	1.0	A
qst 713 strain of dried bacillus subtilis	Grape, wine	2,403.52	882	11,930.02	A
qst 713 strain of dried bacillus subtilis	Herb, spice	0.09	14	28,825.0	S
qst 713 strain of dried bacillus subtilis	Kale	0.01	10	1,900.0	S
qst 713 strain of dried bacillus subtilis	Lettuce, head	0.05	16	18,350.0	S
qst 713 strain of dried bacillus subtilis	Mustard	<0.01	10	1,712.0	S
qst 713 strain of dried bacillus subtilis	N-grnhs plants in containers	0.04	1	4,140.0	S
qst 713 strain of dried bacillus subtilis	N-outdr flower	0.01	14	3,100.0	S
qst 713 strain of dried bacillus subtilis	N-outdr plants in containers	0.02	3	2,346.0	S
qst 713 strain of dried bacillus subtilis	Olive	1.97	3	0.45	A
qst 713 strain of dried bacillus subtilis	Parsley	0.01	16	4,800.0	S
qst 713 strain of dried bacillus subtilis	Peach	1.98	5	5.5	A
qst 713 strain of dried bacillus subtilis	Pepper, fruiting	<0.01	1	1,200.0	S
qst 713 strain of dried bacillus subtilis	Squash	<0.01	5	1,000.0	S
qst 713 strain of dried bacillus subtilis	Tomato	0.01	4	3,450.0	S
qst 713 strain of dried bacillus subtilis	Unknown	6.14	4	18.78	A
quillaja	Grape, wine	16.55	236	2,295.2	A
quillaja	Landscape maintenance	4.21	N/A	N/A	N/A
quinclorac, dimethylamine salt	Landscape maintenance	4.61	N/A	N/A	N/A
quinoxifen	Fumigation, other	0.1	1	1.0	A
quinoxifen	Grape, wine	3,494.92	1,619	37,199.62	A
resmethrin	Grape, wine	0.02	1	5.25	A
resmethrin	Water area	0.01	N/A	1.0	U
reynoutria sachalinensis	Arugula	0.03	6	2,400.0	S

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
reynoutria sachalinensis	Basil, sweet	0.01	2	800.0	S
reynoutria sachalinensis	Cannabis (all or unspecified)	6.27	24	22.0	A
reynoutria sachalinensis	Cannabis (all or unspecified)	34.41	1,070	2,580,265.0	S
reynoutria sachalinensis	Chicory	<0.01	2	400.0	S
reynoutria sachalinensis	Chinese amaranth (chinese spinach, tampala, yin choy)	<0.01	1	200.0	S
reynoutria sachalinensis	Dandelion green	0.01	1	500.0	S
reynoutria sachalinensis	Grape, wine	551.39	288	2,656.61	A
reynoutria sachalinensis	Herb, spice	0.07	6	6,600.0	S
reynoutria sachalinensis	Kale	0.01	6	700.0	S
reynoutria sachalinensis	Lettuce, head	0.09	7	8,500.0	S
reynoutria sachalinensis	N-outdr flower	0.02	7	2,200.0	S
reynoutria sachalinensis	Parsley	0.02	5	1,807.0	S
rimsulfuron	Grape, wine	106.58	285	3,181.2	A
rimsulfuron	Landscape maintenance	0.02	N/A	N/A	N/A
rimsulfuron	Rights of way	0.37	N/A	N/A	N/A
s-bioallethrin	Structural pest control	<0.01	N/A	N/A	N/A
s-methoprene	Public health	76.31	N/A	N/A	N/A
s-methoprene	Structural pest control	0.12	N/A	N/A	N/A
s-methoprene	Water area	40.38	N/A	147.5	A
saponin	Cannabis (all or unspecified)	1.5	14	9.0	A
saponin	Cannabis (all or unspecified)	0.03	7	29,000.0	S
sethoxydim	Grape, wine	106.48	86	567.08	A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
sethoxydim	Uncultivated ag	1.12	3	7.0	A
siduron	Landscape maintenance	2.0	N/A	N/A	N/A
silica aerogel	Public health	36.7	N/A	N/A	N/A
silica aerogel	Structural pest control	19.15	N/A	N/A	N/A
silica filled polydimethylsiloxane	Grape, wine	3.24	252	9,332.67	A
silica filled polydimethylsiloxane	Landscape maintenance	0.05	N/A	N/A	N/A
silica filled polydimethylsiloxane	Oat	0.03	1	280.0	A
silica filled polydimethylsiloxane	Rangeland	<0.01	1	40.0	A
silica filled polydimethylsiloxane	Water area	0.03	26	24.3	A
silicone	Grape, wine	1.68	9	258.5	A
silicone defoamer	Grape, wine	<0.01	1	7.0	A
simazine	Grape, wine	175.77	9	100.38	A
sodium bisulfate	Grape, wine	28.99	6	83.0	A
sodium bromide	Water (industrial)	49.81	N/A	1.0	A
sodium bromide	Water (industrial)	54.76	N/A	2.0	U
sodium carbonate peroxyhydrate	Landscape maintenance	425.0	N/A	N/A	N/A
sodium carbonate peroxyhydrate	N-grnhs transplants	2.55	3	3,360.0	S
sodium carbonate peroxyhydrate	Water (industrial)	758.63	N/A	114.0	A
sodium chlorite	Cannabis (all or unspecified)	0.16	4	5,506.0	S
sodium decyl sulfate	Structural pest control	0.99	N/A	N/A	N/A
sodium dichloro-s-triazinetrione dihydrate	Grape, wine	7.43	1	40.0	A
sodium diisooctylsulfosuccinate	Grape, wine	0.12	1	10.0	A
sodium dioctylsulfosuccinate	Grape, wine	0.03	3	35.5	A
sodium dioctylsulfosuccinate	Rights of way	<0.01	N/A	N/A	N/A
sodium hydroxide	Grape	3.32	3	20.72	A



<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
sodium hydroxide	Grape, wine	9.14	21	311.82	A
sodium hypochlorite	Grape, wine	12.37	15	160.1	A
sodium hypochlorite	Water (industrial)	34.32	N/A	1.0	A
sodium hypochlorite	Water (industrial)	37.73	N/A	2.0	U
sodium hypochlorite	Water systems - human potable/drinking	0.13	N/A	1.0	A
sodium lauroampho acetate	Structural pest control	0.75	N/A	N/A	N/A
sodium lauryl sulfate	Structural pest control	0.5	N/A	N/A	N/A
sodium polyacrylate	Grape, wine	2.63	12	72.04	A
sodium xylene sulfonate	Grape, wine	1.29	3	25.0	A
sorbitan trioleate	Landscape maintenance	0.05	N/A	N/A	N/A
sorbitol	Grape	1.15	1	19.62	A
sorbitol	Grape, wine	1.13	5	22.81	A
soybean oil	Cannabis (all or unspecified)	1.48	9	134,690.0	S
spinetoram	Apple	2.19	2	20.0	A
spinetoram	Peach	0.09	1	1.0	A
spinosad	Apple	114.85	50	319.9	A
spinosad	Cannabis (all or unspecified)	0.03	3	43,200.0	S
spinosad	Grape, wine	0.43	4	29.33	A
spinosad	Landscape maintenance	1.54	N/A	N/A	N/A
spinosad	N-grnhs flower	1.22	2	51.0	A
spinosad	N-grnhs plants in containers	<0.01	2	1,253.0	S
spinosad	N-grnhs transplants	0.22	8	391,841.0	S

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
spinosad	N-outdr plants in containers	3.19	69	338.0	A
spinosad	N-outdr plants in containers	0.06	3	30,080.0	S
spinosad	Olive	0.11	138	182.8	A
spinosad	Olive	0.06	125	12,072.0	U
spinosad	Pear	<0.01	1	0.1	A
spinosad	Public health	13.73	N/A	N/A	N/A
spiromesifen	N-grnhs plants in containers	0.06	1	0.03	A
spirotetramat	Grape, wine	1,948.01	772	16,857.43	A
spirotetramat	N-grnhs flower	9.18	29	88.75	A
spirotetramat	N-grnhs transplants	0.1	2	105,550.0	S
spirotetramat	N-outdr flower	0.01	1	0.1	A
spirotetramat	N-outdr plants in containers	0.01	4	3,040.0	S
spirotetramat	N-outdr plants in containers	2.42	7	13,750.0	U
starch	Grape, wine	0.01	4	34.28	A
starch	N-grnhs flower	0.02	23	25.5	A
starch	N-outdr flower	<0.01	1	1.0	A
streptomyces lydicus wyec 108	Blueberry	<0.01	7	5.25	A
streptomycin sulfate	Landscape maintenance	0.05	N/A	N/A	N/A
strychnine	Grape, wine	4.23	33	507.5	A
strychnine	Landscape maintenance	<0.01	N/A	N/A	N/A
strychnine	Research commodity	0.07	11	5.5	A
strychnine	Structural pest control	<0.01	N/A	N/A	N/A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
styrene butadiene copolymer	Grape, wine	6.16	12	101.78	A
styrene butadiene copolymer	N-grnhs flower	19.97	60	62.0	A
styrene butadiene copolymer	N-outdr flower	1.2	5	5.0	A
sugar	Structural pest control	0.02	N/A	N/A	N/A
sulfentrazone	Landscape maintenance	0.22	N/A	N/A	N/A
sulfentrazone	Rights of way	12.35	N/A	N/A	N/A
sulfometuron-methyl	Landscape maintenance	0.94	N/A	N/A	N/A
sulfometuron-methyl	Rights of way	0.97	N/A	N/A	N/A
sulfoxaflor	Apple	0.9	1	10.0	A
sulfoxaflor	Grape, wine	120.47	57	1,425.3	A
sulfur	Apple	4,400.74	103	590.2	A
sulfur	Cannabis (all or unspecified)	14.44	202	256,031.0	S
sulfur	Cannabis (all or unspecified)	0.95	10	9,253.0	U
sulfur	Fumigation, other	1.8	2	2.0	A
sulfur	Grape	1,004.54	7	137.34	A
sulfur	Grape, wine	1,569,752.38	10,329	232,017.52	A
sulfur	Landscape maintenance	3.12	N/A	N/A	N/A
sulfur	N-grnhs plants in containers	46.8	1	18.1	A
sulfur	N-grnhs transplants	4.53	2	35,103.0	S
sulfur	Olive	4.8	1	0.15	A
sulfur	Olive	8.0	1	30.0	U
sulfur	Peach	80.0	2	10.0	A
sulfur	Unknown	13.73	2	4.29	A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
sulfur dioxide	Commodity fumigation	270.94	N/A	N/A	N/A
sulfur dioxide	Fumigation, other	2.0	1	1.0	U
sulfur dioxide	Fumigation, other	13,031.06	N/A	N/A	N/A
sulfur dioxide	Grape, wine	58.41	17	4,255.0	U
sulfur dioxide	Regulatory pest control	11.88	N/A	N/A	N/A
sulfuryl fluoride	Structural pest control	36,901.65	N/A	N/A	N/A
tall oil	Grape, wine	41.23	49	2,649.02	A
tall oil fatty acids	Grape, wine	919.65	766	8,883.58	A
tall oil fatty acids	Landscape maintenance	22.56	N/A	N/A	N/A
tall oil fatty acids	Olive	0.02	1	30.0	U
tartrazine	Water area	0.19	1	1.0	A
tartrazine	Water area	0.77	N/A	2.0	U
tau-fluvalinate	Landscape maintenance	<0.01	N/A	N/A	N/A
tau-fluvalinate	N-grnhs flower	2.6	5	375,000.0	S
tau-fluvalinate	N-grnhs plants in containers	0.01	7	640.0	S
tebuconazole	Grape	2.16	1	19.62	A
tebuconazole	Grape, wine	2,416.17	1,066	23,216.21	A
tebuconazole	Landscape maintenance	20.81	N/A	N/A	N/A
tebuconazole	N-grnhs plants in containers	0.01	7	640.0	S
tebuthiuron	Rights of way	0.28	N/A	N/A	N/A
tetraconazole	Grape, wine	445.78	481	13,471.84	A
tetraconazole	N-grnhs transplants	0.07	2	85,401.0	S

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
tetramethrin	Structural pest control	0.09	N/A	N/A	N/A
tetrapotassium pyrophosphate	Grape, wine	0.01	1	7.0	A
thiamethoxam	Grape, wine	413.95	166	5,074.44	A
thiamethoxam	Landscape maintenance	15.94	N/A	N/A	N/A
thiamethoxam	Structural pest control	0.64	N/A	N/A	N/A
thiophanate	Grape, wine	1.58	1	5.0	A
thiophanate-methyl	Apple	57.4	6	60.0	A
thiophanate-methyl	Grape, wine	728.79	114	1,350.4	A
thiophanate-methyl	Landscape maintenance	120.98	N/A	N/A	N/A
thiophanate-methyl	N-grnhs plants in containers	0.22	16	368.0	S
thiophanate-methyl	N-outdr flower	3.65	1	5.5	A
thyme	Structural pest control	<0.01	N/A	N/A	N/A
thyme oil	Structural pest control	<0.01	N/A	N/A	N/A
tofenpyrad	N-grnhs flower	5.18	3	11.0	A
tofenpyrad	N-outdr plants in containers	0.29	1	2.0	A
topramezone	Landscape maintenance	0.05	N/A	N/A	N/A
triadimefon	Landscape maintenance	50.08	N/A	N/A	N/A
tribenuron-methyl	Oat	2.07	2	330.0	A
trichoderma icc 012 asperellum	Grape, wine	5.24	30	323.08	A
trichoderma icc 080 gamsii	Grape, wine	5.24	30	323.08	A
triclopyr choline	Grape, wine	1.74	1	1.0	A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
triclopyr choline	Landscape maintenance	289.07	N/A	N/A	N/A
triclopyr choline	Rights of way	488.31	N/A	N/A	N/A
triclopyr, butoxyethyl ester	Landscape maintenance	838.41	N/A	N/A	N/A
triclopyr, butoxyethyl ester	N-grnhs flower	0.09	N/A	1.0	C
triclopyr, butoxyethyl ester	Rangeland	7.14	8	120.0	A
triclopyr, butoxyethyl ester	Rights of way	56.12	N/A	N/A	N/A
triclopyr, butoxyethyl ester	Uncultivated non-ag	8.33	N/A	17.0	A
triclopyr, butoxyethyl ester	Water (industrial)	2.96	N/A	2.0	A
triclopyr, triethylamine salt	Forest, timberland	85.04	1	119.0	A
triclopyr, triethylamine salt	Landscape maintenance	54.09	N/A	N/A	N/A
triclopyr, triethylamine salt	Rangeland	0.5	1	2.5	A
triclopyr, triethylamine salt	Rights of way	56.35	N/A	N/A	N/A
triethanolamine	Grape, wine	0.04	1	7.0	A
triethanolamine oleate	Cannabis (all or unspecified)	<0.01	2	1,280.0	S
trifloxystrobin	Grape, wine	1,109.4	526	11,555.32	A
trifloxystrobin	Landscape maintenance	8.51	N/A	N/A	N/A
triflumizole	Grape, wine	477.1	90	2,131.18	A
trifluralin	Landscape maintenance	33.94	N/A	N/A	N/A
trimethylamine	Structural pest control	<0.01	N/A	N/A	N/A
trinexapac-ethyl	Landscape maintenance	70.06	N/A	N/A	N/A
triticonazole	Landscape maintenance	0.62	N/A	N/A	N/A

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>ulocladium oudemansii (u3 strain)</b>	Peach	18.0	4	20.0	A
<b>urea</b>	Grape, wine	113.98	94	629.41	A
<b>vinyl ester polymer</b>	Grape, wine	8.8	3	35.5	A
<b>vinyl ester polymer</b>	Rights of way	0.39	N/A	N/A	N/A
<b>vinyl polymer</b>	Grape, wine	1.05	3	18.71	A
<b>warfarin</b>	Structural pest control	<0.01	N/A	N/A	N/A
<b>xanthan gum</b>	Grape	1.15	1	19.62	A
<b>xanthan gum</b>	Grape, wine	1.13	5	22.81	A
<b>yeast</b>	Structural pest control	<0.01	N/A	N/A	N/A
<b>yucca schidigera</b>	Grape, wine	29.07	11	48.5	A
<b>z,e-9,12-tetradecadien-1-yl acetate</b>	Structural pest control	<0.01	N/A	N/A	N/A
<b>zinc 2-pyridinethiol-1-oxide</b>	Grape, wine	0.18	3	51.0	A
<b>zinc phosphide</b>	Grape, wine	1.6	1	8.0	A
<b>zinc phosphide</b>	Landscape maintenance	0.41	N/A	N/A	N/A
<b>zinc phosphide</b>	Structural pest control	1.77	N/A	N/A	N/A
<b>zinc sulfate</b>	Grape, wine	1.03	1	5.25	A