

2018 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
abamectin	Grape, wine	26.96	119	2,617.87	A
abamectin	Landscape maintenance	0.03	N/A	N/A	N/A
abamectin	N-grnhs flower	0.72	27	22.0	A
abamectin	N-grnhs flower	0.78	25	875,000.0	S
abamectin	N-grnhs plants in containers	<0.01	1	0.03	A
abamectin	N-grnhs transplants	0.02	7	106,000.0	S
abamectin	N-outdr plants in containers	0.01	2	12.0	A
abamectin	N-outdr plants in containers	<0.01	1	3,000.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
abamectin	N-outdr transplants	<0.01	1	20,000.0	S
abamectin	Strawberry	0.26	2	10.0	A
abamectin	Structural pest control	0.36	N/A	N/A	N/A
abamectin, other related	Structural pest control	<0.01	N/A	N/A	N/A
s-abscisic acid	Grape, wine	0.33	1	12.2	A
acephate	Landscape maintenance	3.83	N/A	N/A	N/A
acephate	N-grnhs flower	306.04	33	138.0	A
acephate	N-grnhs flower	48.0	32	1,150,000.0	S
acephate	N-grnhs transplants	3.71	14	204,000.0	S
acephate	N-outdr plants in containers	35.28	29	62.5	A
acephate	N-outdr plants in containers	0.97	1	10,000.0	S
acephate	N-outdr plants in containers	0.97	1	8,000.0	U
acephate	N-outdr transplants	2.55	7	140,000.0	S
acephate	Structural pest control	6.27	N/A	N/A	N/A
acetamiprid	Apple	15.13	17	195.5	A
acetamiprid	Grape, wine	419.92	377	6,012.46	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
acetamiprid	Landscape maintenance	3.93	N/A	N/A	N/A
acetamiprid	N-grnhs flower	0.29	3	1.5	A
acetamiprid	N-grnhs flower	0.02	N/A	3.0	U
acetamiprid	N-grnhs transplants	0.62	5	122,829.0	S
acetamiprid	N-outdr flower	0.45	2	2.0	A
acetamiprid	Pepper, fruiting	3.5	1	20.0	A
acetamiprid	Pumpkin	3.48	3	27.5	A
acetamiprid	Structural pest control	1.4	N/A	N/A	N/A
acibenzolar-s-methyl	Landscape maintenance	0.02	1	1.5	A
acibenzolar-s-methyl	Landscape maintenance	2.28	N/A	N/A	N/A
acid blue 9, diammonium salt	Water area	2.33	1	1.0	A
acrylic acid	Rights of way	0.34	2	16.0	A
alcohols, c12-c14, aliphatic	Rights of way	2.68	N/A	N/A	N/A
alcohols, c12 - c13, ethoxylated	Grape, wine	20.75	8	104.0	A
alpha-alkylaryl-omega-hydroxypoly(oxyethylene)	Grape, wine	39.34	24	353.65	A
alpha-alkylaryl-omega-hydroxypoly(oxyethylene)	Landscape maintenance	2.67	N/A	N/A	N/A
alkyl (50%c14, 40%c12, 10%c16) dimethylbenzyl ammonium chloride	Industrial hemp	10.71	308	362,846.0	S
alkyl (50%c14, 40%c12, 10%c16) dimethylbenzyl ammonium chloride	Structural pest control	1.07	N/A	N/A	N/A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Apple	0.52	3	6.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Grape, wine	8,741.95	5,588	73,497.59	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Grape, wine	0.08	1	1.0	U
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	0.28	4	40.0	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	13.45	N/A	N/A	N/A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	N-grnhs transplants	0.19	2	73,656.0	S
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	N-outdr flower	2.99	6	23.0	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Olive	0.11	1	4.0	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Olive	0.01	1	40.0	U
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Pastureland	31.57	3	168.0	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Peach	1.59	4	5.5	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Rangeland	0.27	2	400.0	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Rights of way	0.23	N/A	N/A	N/A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Uncultivated ag	0.39	2	18.0	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Uncultivated non-ag	0.75	2	7.0	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Water area	1.3	8	6.9	A
alpha-alkyl (c9-c16)-omega-hydroxypoly(oxyethylene)	Grape, wine	4.68	28	27.31	A
alpha-alkyl (c9-c16)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	4.41	N/A	N/A	N/A
alpha-pinene beta-pinene copolymer	Grape, wine	1,707.74	750	10,210.44	A
alpha-pinene beta-pinene copolymer	Pome fruit	2.01	1	0.13	A
alpha-pinene beta-pinene copolymer	Stone fruit	0.06	1	0.17	A
alkyl (c9-c11) oligomeric d-glucopyranoside	Rights of way	7.65	N/A	N/A	N/A
alkyl (c8,c10) polyglucoside	Grape, wine	447.48	209	2,843.77	A
alkyl (c8,c10) polyglucoside	Landscape maintenance	230.4	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
alkyl (c8,c10) polyglucoside	N-outdr transplants	0.2	1	31,438.0	S
alkyl (c8,c10) polyglucoside	Rangeland	32.49	5	21.0	A
alkyl (c8,c10) polyglucoside	Uncultivated ag	29.13	N/A	30.3	A
alkyl (c8,c10) polyglucoside	Water area	21.16	5	10.2	A
d-trans allethrin	Public health	0.03	N/A	N/A	N/A
d-trans allethrin	Structural pest control	0.11	N/A	N/A	N/A
allyloxypolyethylene glycol acetate	Grape, wine	429.23	323	3,283.17	A
allyloxypolyethylene glycol acetate	Rights of way	0.18	N/A	N/A	N/A
aluminum phosphide	Apple	5.03	3	60.0	A
aluminum phosphide	Grape, wine	5.14	8	23.0	A
aluminum phosphide	Pumpkin	0.18	1	8.5	A
aluminum sulfate	Grape, wine	64.0	2	32.0	A
aminocyclopyrachlor, potassium salt	Rights of way	7.77	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Forest, timberland	2.26	1	120.0	A
aminopyralid, triisopropanolamine salt	Grape, wine	0.19	1	19.0	A
aminopyralid, triisopropanolamine salt	Landscape maintenance	24.9	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Pastureland	34.58	3	164.0	A
aminopyralid, triisopropanolamine salt	Rangeland	4.51	6	347.0	A
aminopyralid, triisopropanolamine salt	Rights of way	59.04	N/A	N/A	N/A
4-aminopyridine	Structural pest control	<0.01	N/A	N/A	N/A
ammonium nonanoate	Grape, wine	25.04	7	2.7	A
ammonium nonanoate	Landscape maintenance	110.2	N/A	N/A	N/A
ammonium nitrate	Grape, wine	921.98	2,852	25,332.16	A
ammonium nitrate	Grape, wine	0.01	1	1.0	U

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
ammonium nitrate	Landscape maintenance	0.04	4	40.0	A
ammonium nitrate	Landscape maintenance	29.7	N/A	N/A	N/A
ammonium nitrate	N-outdr transplants	0.1	1	31,438.0	S
ammonium nitrate	Olive	0.01	1	4.0	A
ammonium nitrate	Olive	<0.01	1	40.0	U
ammonium nitrate	Pastureland	4.07	3	168.0	A
ammonium nitrate	Rangeland	0.03	2	400.0	A
ammonium nitrate	Rights of way	0.01	N/A	N/A	N/A
ammonium nitrate	Uncultivated ag	3.38	N/A	13.3	A
ammonium nitrate	Uncultivated non-ag	0.1	2	7.0	A
ammonium nitrate	Water area	0.17	8	6.9	A
ammonium propionate	Grape, wine	239.56	166	1,755.58	A
ammonium sulfate	Grape, wine	12,318.57	3,154	32,695.49	A
ammonium sulfate	Grape, wine	0.24	1	1.0	U
ammonium sulfate	Landscape maintenance	0.88	4	40.0	A
ammonium sulfate	Landscape maintenance	98.9	N/A	N/A	N/A
ammonium sulfate	N-outdr transplants	0.19	1	31,438.0	S
ammonium sulfate	Olive	0.34	1	4.0	A
ammonium sulfate	Olive	0.02	1	40.0	U
ammonium sulfate	Pastureland	100.81	3	168.0	A
ammonium sulfate	Rangeland	0.86	2	400.0	A
ammonium sulfate	Rights of way	0.15	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
ammonium sulfate	Uncultivated ag	72.6	N/A	48.15	A
ammonium sulfate	Uncultivated non-ag	2.4	2	7.0	A
ammonium sulfate	Water area	4.15	8	6.9	A
para-tert-amylphenol	Structural pest control	1.42	N/A	N/A	N/A
aureobasidium pullulans strain dsm 14940	Grape, wine	4.63	4	35.12	A
aureobasidium pullulans strain dsm 14941	Grape, wine	4.63	4	35.12	A
azadirachtin	Chinese amaranth (chinese spinach, tampala, yin choy)	<0.01	1	90.0	S
azadirachtin	Industrial hemp	2.35	805	1,104,271.0	S
azadirachtin	Landscape maintenance	2.35	N/A	N/A	N/A
azadirachtin	N-grnhs flower	0.1	2	150,000.0	S
azadirachtin	N-grnhs transplants	0.14	13	163,000.0	S
azadirachtin	N-grnhs transplants	<0.01	5	904.0	U
azadirachtin	N-outdr plants in containers	0.34	48	240.0	A
azadirachtin	N-outdr plants in containers	0.11	3	35,500.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
azoxystrobin	Golf course turf	0.56	N/A	95,000.0	S
azoxystrobin	Grape, wine	1,885.75	886	9,158.41	A
azoxystrobin	Landscape maintenance	1.0	1	1.5	A
azoxystrobin	Landscape maintenance	0.01	1	100.0	S
azoxystrobin	Landscape maintenance	39.04	N/A	N/A	N/A
azoxystrobin	N-grnhs transplants	4.41	8	176,211.0	S
bacillus amyloliquefaciens strain d747	N-grnhs flower	178.49	24	1,075,000.0	S
bacillus pumilus, strain qst 2808	Apple	0.32	2	3.5	A
bacillus pumilus, strain qst 2808	Grape, wine	879.65	1,174	9,970.43	A
bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins	Public health	680.32	N/A	N/A	N/A
bacillus subtilis gb03	Landscape maintenance	0.02	N/A	N/A	N/A
bacillus amyloliquefaciens strain mbi 600	Grape, wine	3.05	2	62.48	A
bacillus thuringiensis (berliner)	Grape, wine	0.74	5	87.5	A
bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	Industrial hemp	1.96	18	39,500.0	S
bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	Public health	658.57	N/A	N/A	N/A
bacillus thuringiensis, subsp. israelensis, strain am 65-52	Industrial hemp	0.76	3	1,518.0	S
bacillus thuringiensis, subsp. israelensis, strain am 65-52	Public health	615.1	N/A	N/A	N/A
bacillus thuringiensis, subsp. israelensis, strain am 65-52	Vegetables, leafy	0.16	3	3,660.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	Apple	452.68	65	480.89	A
bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	Grape, wine	39.11	20	72.02	A
bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	Industrial hemp	2.94	22	177,332.0	S
bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	Landscape maintenance	12.83	N/A	N/A	N/A
bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	N-grnhs plants in containers	0.1	1	1.0	A
bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	N-outdr plants in containers	21.09	29	138.0	A
bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	Pear	14.58	1	9.0	A
bacillus thuringiensis (berliner), subsp. kurstaki, strain sa-11	Industrial hemp	<0.01	1	2,000.0	S
bacillus thuringiensis (berliner), subsp. kurstaki, strain sa-11	N-grnhs transplants	0.13	6	80,000.0	S
bacillus thuringiensis (berliner), subsp. kurstaki strain sa-12	Industrial hemp	3.58	6	49,360.0	S
beauveria bassiana strain gha	Industrial hemp	2.83	16	14,231.88	S
beauveria bassiana strain gha	N-outdr plants in containers	3.6	25	125.0	A
benzoic acid	Barley	0.8	1	140.0	A
benzoic acid	Grape, wine	51.25	1,155	9,306.26	A
benzoic acid	Landscape maintenance	0.22	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
benzoic acid	Oat	1.31	1	231.0	A
benzoic acid	Pastureland	0.32	1	56.0	A
benzoic acid	Rangeland	12.17	5	2,139.0	A
benzoic acid	Rights of way	3.89	N/A	N/A	N/A
benzoic acid	Ryegrass	0.11	1	20.0	A
benzoic acid	Uncultivated non-ag	0.02	1	4.0	A
benzoic acid	Water area	0.02	2	3.0	A
benzoic acid	Wheat	0.65	1	115.0	A
ortho-benzyl-para-chlorophenol	Structural pest control	7.24	N/A	N/A	N/A
bifenazate	Blackberry	1.0	1	2.0	A
bifenazate	Grape, wine	654.95	108	2,351.74	A
bifenazate	Grape, wine	0.25	1	11,664.0	S
bifenazate	Landscape maintenance	0.16	N/A	N/A	N/A
bifenazate	N-grnhs transplants	0.51	3	41,552.0	S
bifenazate	Raspberry	0.5	1	1.0	A
bifenazate	Strawberry	3.5	3	9.0	A
bifenthrin	Landscape maintenance	9.46	N/A	N/A	N/A
bifenthrin	N-grnhs transplants	0.22	3	44,000.0	S
bifenthrin	N-outdr plants in containers	0.21	1	5.0	A
bifenthrin	N-outdr transplants	0.26	4	80,000.0	S
bifenthrin	Pepper, fruiting	0.32	2	40.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
bifenthrin	Structural pest control	321.65	N/A	N/A	N/A
n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	Grape, wine	31.26	368	5,880.38	A
n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	Pepper, fruiting	0.22	2	40.0	A
n,n-bis-(2-(omega-hydroxypoly(oxyethylene)/poly(oxypropylene))ethyl)alkyl (c8-c18) amine	N-grnhs flower	0.07	1	25,000.0	S
borax	Rights of way	3,818.35	N/A	N/A	N/A
borax	Structural pest control	15.67	N/A	N/A	N/A
boric acid	Animal premise	1,056.0	N/A	570,000.0	S
boric acid	Grape, wine	168.4	9	246.44	A
boric acid	Structural pest control	554.79	N/A	N/A	N/A
boscalid	Grape, wine	3,460.51	804	12,650.79	A
boscalid	N-grnhs flower	11.06	17	17.0	A
boscalid	N-grnhs flower	3.84	20	900,000.0	S
boscalid	N-grnhs transplants	2.21	18	492,719.0	S
boscalid	N-outdr plants in containers	0.57	1	1.0	A
boscalid	N-outdr plants in containers	0.4	2	14,500.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
boscalid	N-outdr plants in containers	39.35	78	468,578.0	U
boscalid	N-outdr transplants	0.05	1	20,000.0	S
boscalid	Pumpkin	5.67	4	20.0	A
brodifacoum	Animal premise	0.01	N/A	6,996.0	U
brodifacoum	Structural pest control	0.01	N/A	N/A	N/A
brodifacoum	Vertebrate control	0.01	N/A	N/A	N/A
bromacil	Rights of way	0.8	N/A	N/A	N/A
bromadiolone	Animal premise	<0.01	75	2,625,000.0	S
bromadiolone	Animal premise	0.01	N/A	15,158.0	U
bromadiolone	Landscape maintenance	0.06	N/A	N/A	N/A
bromadiolone	Rights of way	<0.01	N/A	N/A	N/A
bromadiolone	Structural pest control	0.54	N/A	N/A	N/A
bromadiolone	Vertebrate control	0.01	N/A	N/A	N/A
bromethalin	Animal premise	<0.01	35	1,225,000.0	S
bromethalin	Landscape maintenance	0.04	N/A	N/A	N/A
bromethalin	Rights of way	<0.01	N/A	N/A	N/A
bromethalin	Structural pest control	0.02	N/A	N/A	N/A
bromoxynil heptanoate	Barley	123.88	2	360.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
bromoxynil heptanoate	Oat	272.98	9	1,026.0	A
bromoxynil heptanoate	Oat (forage - fodder)	1.72	1	5.0	A
bromoxynil heptanoate	Ryegrass	25.81	1	50.0	A
bromoxynil heptanoate	Wheat	98.09	2	285.0	A
bromoxynil octanoate	Barley	128.47	2	360.0	A
bromoxynil octanoate	Oat	283.09	9	1,026.0	A
bromoxynil octanoate	Oat (forage - fodder)	1.78	1	5.0	A
bromoxynil octanoate	Ryegrass	26.76	1	50.0	A
bromoxynil octanoate	Wheat	101.72	2	285.0	A
buprofezin	Grape, wine	630.48	109	1,023.18	A
buprofezin	N-grnhs flower	1.31	3	1.5	A
buprofezin	N-outdr plants in containers	3.35	5	6.0	A
burkholderia sp strain a396 cells and fermentation media	Industrial hemp	0.37	1	0.01	A
burkholderia sp strain a396 cells and fermentation media	Industrial hemp	369.87	275	777,610.0	S
2-butoxyethanol	Rights of way	6.88	N/A	N/A	N/A
butyl alcohol	Barley	2.89	1	140.0	A
butyl alcohol	Grape, wine	3,931.52	3,358	43,462.14	A
butyl alcohol	N-grnhs flower	0.05	N/A	3.0	U
butyl alcohol	Oat	43.48	17	2,106.0	A
butyl alcohol	Olive	0.02	2	0.5	A
butyl alcohol	Pastureland	0.87	1	56.0	A
butyl alcohol	Rangeland	32.97	4	2,132.0	A
butyl alcohol	Rights of way	0.08	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
butyl alcohol	Ryegrass	0.41	1	20.0	A
butyl alcohol	Water area	2.3	5	110.0	A
butyl alcohol	Wheat	2.38	1	115.0	A
butyl lactate	Grape, wine	116.9	164	4,667.58	A
butyl lactate	Uncultivated ag	0.05	N/A	2.3	A
cacodylic acid	Grape, wine	0.05	1	22.0	A
calcium chloride	Grape, wine	9.21	37	151.25	A
canola oil	Industrial hemp	0.18	4	2,544.0	S
canola oil	Industrial hemp	1.27	22	139.0	U
capric acid	Grape, wine	634.38	31	292.77	A
capric acid	Landscape maintenance	323.66	N/A	N/A	N/A
caprylic acid	Grape, wine	931.75	31	292.77	A
caprylic acid	Landscape maintenance	475.38	N/A	N/A	N/A
capsicum oleoresin	Grape, wine	2.01	24	165.71	A
capsicum oleoresin	Industrial hemp	3.1	541	585,933.0	S
capsicum oleoresin	N-grnhs flower	0.04	1	1.5	A
capsicum oleoresin	Structural pest control	<0.01	N/A	N/A	N/A
carbaryl	Apple	12.03	2	20.0	A
carbaryl	Grape, wine	0.21	1	33.0	A
carbaryl	N-grnhs plants in containers	3.22	4	0.12	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
carbaryl	N-outdr transplants	1.48	3	60,000.0	S
carbaryl	Pepper, fruiting	80.0	2	40.0	A
carbaryl	Tomatillo	4.0	1	2.0	A
carbo methoxy ether cellulose, sodium salt	Apple	0.01	2	4.0	A
carbo methoxy ether cellulose, sodium salt	Grape, wine	85.59	1,937	28,818.15	A
carbo methoxy ether cellulose, sodium salt	Olive	0.01	4	1.08	A
carbon	Landscape maintenance	0.84	N/A	N/A	N/A
carfentrazone-ethyl	Grape, wine	86.35	619	3,767.47	A
carfentrazone-ethyl	Landscape maintenance	6.4	N/A	N/A	N/A
carfentrazone-ethyl	Oat	6.88	6	470.0	A
carfentrazone-ethyl	Pepper, fruiting	0.44	2	40.0	A
carfentrazone-ethyl	Structural pest control	<0.01	N/A	N/A	N/A
castor oil ethoxylate	Grape, wine	0.79	1	10.0	A
chlorantraniliprole	Apple	13.52	10	154.5	A
chlorantraniliprole	Golf course turf	0.1	N/A	30,000.0	S
chlorantraniliprole	Grape, wine	18.15	10	199.35	A
chlorantraniliprole	Landscape maintenance	236.58	N/A	N/A	N/A
chlorantraniliprole	N-grnhs transplants	0.07	1	44,550.0	S
chlorantraniliprole	Structural pest control	25.25	N/A	N/A	N/A
chlorfenapyr	Structural pest control	45.58	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
5-chloro-2-methyl-4-isothiazolin-3-one	Water (industrial)	0.46	N/A	1.0	A
chlorophacinone	Landscape maintenance	<0.01	N/A	N/A	N/A
chlorophacinone	Structural pest control	<0.01	N/A	N/A	N/A
chloropicrin	Grape, wine	4,791.6	2	24.2	A
chloropicrin	Structural pest control	8.51	N/A	N/A	N/A
chlorothalonil	Golf course turf	6.03	N/A	30,000.0	S
chlorothalonil	Landscape maintenance	2,740.2	N/A	N/A	N/A
chlorothalonil	N-grnhs transplants	2.16	2	4,700.0	S
chlorothalonil	N-outdr plants in containers	1.4	1	11,000.0	S
chlorothalonil	N-outdr transplants	4.14	1	2,400.0	S
3-chloro-p-toluidine hydrochloride	Landscape maintenance	0.06	N/A	N/A	N/A
chlorpyrifos	Apple	30.06	1	16.0	A
chlorpyrifos	Grape, wine	76.6	9	43.94	A
chlorpyrifos	Landscape maintenance	5.74	N/A	N/A	N/A
chlorpyrifos	Structural pest control	<0.01	N/A	N/A	N/A
chlorpyrifos	Walnut	3.76	1	10.0	A
chlorsulfuron	Landscape maintenance	1.59	N/A	N/A	N/A
chlorsulfuron	Oat	11.02	9	705.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
chlorsulfuron	Rights of way	7.65	N/A	N/A	N/A
chlorsulfuron	Uncultivated non-ag	0.05	1	5.0	A
cholecalciferol	Structural pest control	1.26	N/A	N/A	N/A
chromobacterium subtsugae strain praa4-1	Apple	23.4	5	26.0	A
chromobacterium subtsugae strain praa4-1	Grape, wine	58.5	4	66.5	A
chromobacterium subtsugae strain praa4-1	Industrial hemp	19.25	82	490,562.0	S
chromobacterium subtsugae strain praa4-1	Landscape maintenance	0.09	N/A	N/A	N/A
citric acid	Grape, wine	145.76	204	1,928.88	A
clarified hydrophobic extract of neem oil	Arugula	0.72	17	8,920.0	S
clarified hydrophobic extract of neem oil	Basil, sweet	0.35	11	6,130.0	S
clarified hydrophobic extract of neem oil	Broccoli	0.18	4	360.0	S
clarified hydrophobic extract of neem oil	Carrot	0.23	8	720.0	S
clarified hydrophobic extract of neem oil	Chinese amaranth (chinese spinach, tampala, yin choy)	0.2	8	1,250.0	S
clarified hydrophobic extract of neem oil	Cucumber	0.33	7	6,280.0	S
clarified hydrophobic extract of neem oil	Dandelion green	0.18	4	360.0	S
clarified hydrophobic extract of neem oil	Eggplant	0.62	12	9,180.0	S
clarified hydrophobic extract of neem oil	Industrial hemp	16.08	32	65,128.0	S
clarified hydrophobic extract of neem oil	Kale	0.99	17	10,680.0	S
clarified hydrophobic extract of neem oil	Landscape maintenance	8.41	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
clarified hydrophobic extract of neem oil	Lettuce, head	1.12	17	14,328.0	S
clarified hydrophobic extract of neem oil	Mustard	0.31	7	5,730.0	S
clarified hydrophobic extract of neem oil	N-outdr flower	0.04	7	513.36	S
clarified hydrophobic extract of neem oil	N-outdr plants in containers	173.15	33	114.0	A
clarified hydrophobic extract of neem oil	Parsley	0.54	17	6,640.0	S
clarified hydrophobic extract of neem oil	Peach	0.01	1	1,000.0	S
clarified hydrophobic extract of neem oil	Pepper, fruiting	0.71	13	10,880.0	S
clarified hydrophobic extract of neem oil	Radish	0.21	5	1,040.0	S
clarified hydrophobic extract of neem oil	Squash	0.37	10	6,180.0	S
clarified hydrophobic extract of neem oil	Tomato	1.05	13	15,080.0	S
clarified hydrophobic extract of neem oil	Vegetable	0.02	1	1.5	A
clethodim	Grape, wine	82.66	17	624.74	A
clethodim	Uncultivated non-ag	0.56	6	46.0	A
clopyralid, monoethanolamine salt	Golf course turf	0.22	N/A	65,000.0	S
clopyralid, monoethanolamine salt	Landscape maintenance	42.41	N/A	N/A	N/A
clopyralid, monoethanolamine salt	Pastureland	25.08	3	116.0	A
clopyralid, monoethanolamine salt	Rangeland	506.56	7	2,352.0	A
clopyralid, triethylamine salt	Landscape maintenance	10.22	N/A	N/A	N/A
clothianidin	Grape, wine	213.05	176	2,194.53	A
clothianidin	Landscape maintenance	10.01	N/A	N/A	N/A
clothianidin	N-grnhs transplants	0.25	2	73,656.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
clothianidin	Structural pest control	0.32	N/A	N/A	N/A
coconut diethanolamide	Landscape maintenance	0.03	N/A	N/A	N/A
coconut diethanolamide	N-outdr plants in containers	4.08	41	139.0	A
codling moth granulosis virus	Apple	<0.01	17	188.0	A
codling moth granulosis virus	Pear	<0.01	1	9.0	A
copper ammonium complex	Landscape maintenance	6.14	N/A	N/A	N/A
copper ammonium complex	N-outdr plants in containers	0.1	1	100.0	S
copper ammonium complex	N-outdr plants in containers	0.1	1	1,100.0	U
copper diammonium diacetate complex	Landscape maintenance	4.62	N/A	N/A	N/A
copper diammonium diacetate complex	N-outdr plants in containers	1.31	1	0.5	A
copper ethanolamine complexes, mixed	Landscape maintenance	94.26	N/A	N/A	N/A
copper ethanolamine complexes, mixed	N-outdr plants in containers	2.8	2	20.0	A
copper ethanolamine complexes, mixed	Water (industrial)	422.02	N/A	108.75	A
copper ethanolamine complexes, mixed	Water area	12.43	2	3.0	A
copper ethanolamine complexes, mixed	Water area	8.29	1	3,000.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
copper ethylenediamine complex	Water (industrial)	50.0	N/A	3.7	A
copper ethylenediamine complex	Water area	72.07	4	11.0	A
copper ethylenediamine complex	Water area	2.5	1	3,000.0	S
copper hydroxide	Apple	234.35	31	244.0	A
copper hydroxide	Apple	0.34	1	20.0	U
copper hydroxide	Grape, wine	4,797.41	1,124	17,422.4	A
copper hydroxide	Landscape maintenance	24.97	N/A	N/A	N/A
copper hydroxide	N-grnhs transplants	0.15	1	10,000.0	S
copper hydroxide	N-outdr flower	2.77	1	5.5	A
copper hydroxide	N-outdr plants in containers	0.25	1	4.0	A
copper hydroxide	N-outdr transplants	0.61	2	40,000.0	S
copper hydroxide	Nectarine	0.04	1	1.0	U
copper hydroxide	Olive	6.58	2	5.1	A
copper hydroxide	Olive	0.23	1	18,198.0	S
copper hydroxide	Peach	6.55	4	5.5	A
copper hydroxide	Peach	0.77	2	10.0	U
copper hydroxide	Pear	0.21	1	12.0	U
copper hydroxide	Plum	0.09	1	5.0	U
copper hydroxide	Pluot	0.19	1	5.0	U
copper hydroxide	Pumpkin	9.89	2	23.0	A
copper hydroxide	Rights of way	272.11	N/A	N/A	N/A
copper hydroxide	Stone fruit	0.31	1	0.1	A
copper hydroxide	Structural pest control	0.25	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
copper naphthenate	Structural pest control	1.18	N/A	N/A	N/A
copper octanoate	Landscape maintenance	0.07	N/A	N/A	N/A
copper octanoate	Vegetables, leafy	0.07	3	3,660.0	S
copper oxide (ous)	Apple	2.1	2	2.0	A
copper oxide (ous)	Grape, wine	12,705.0	1,428	14,526.47	A
copper oxide (ous)	Landscape maintenance	12.04	N/A	N/A	N/A
copper oxide (ous)	N-grnhs transplants	2.83	4	78,445.0	S
copper oxide (ous)	N-outdr plants in containers	0.84	2	8.0	A
copper oxide (ous)	N-outdr transplants	1.26	1	65,000.0	S
copper oxide (ous)	Nectarine	1.15	2	0.45	A
copper oxide (ous)	Olive	73.83	5	18.8	A
copper oxide (ous)	Peach	100.52	9	16.0	A
copper oxide (ous)	Pear	0.68	2	0.75	A
copper oxide (ous)	Plum	6.67	8	3.5	A
copper oxide (ous)	Pome fruit	1.47	1	0.13	A
copper oxide (ous)	Stone fruit	1.47	1	0.17	A
copper oxychloride	Apple	213.77	30	232.0	A
copper oxychloride	Grape, wine	5,310.95	1,052	16,680.24	A
copper oxychloride	Landscape maintenance	20.77	N/A	N/A	N/A
copper oxychloride	Olive	7.29	2	5.1	A
copper oxychloride	Peach	7.27	4	5.5	A
copper oxychloride	Pumpkin	10.96	2	23.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
copper oxychloride	Stone fruit	0.34	1	0.1	A
copper oxychloride	Structural pest control	0.27	N/A	N/A	N/A
copper sulfate (basic)	Grape, wine	424.29	13	521.39	A
copper sulfate (pentahydrate)	Landscape maintenance	9.87	N/A	N/A	N/A
copper sulfate (pentahydrate)	Uncultivated ag	258.98	3	3.0	A
copper sulfate (pentahydrate)	Water (industrial)	26.42	N/A	12.0	A
copper sulfate (pentahydrate)	Water area	895.68	8	25.7	A
copper triethanolamine complex	Water area	13.63	2	3.0	A
coyote urine	Landscape maintenance	0.2	N/A	N/A	N/A
cyantraniliprole	N-grnhs flower	1.22	4	3.5	A
cyantraniliprole	N-grnhs transplants	0.18	5	60,000.0	S
cyantraniliprole	N-outdr plants in containers	0.82	1	7.0	A
cyazofamid	Landscape maintenance	2.3	N/A	N/A	N/A
cyazofamid	N-grnhs transplants	0.11	2	35,937.0	S
cyazofamid	N-outdr transplants	0.15	1	36,450.0	S
cyflufenamid	Grape, wine	526.73	1,759	22,947.71	A
cyflufenamid	Pumpkin	0.59	4	27.5	A
cyflumetofen	Grape, wine	317.54	125	1,987.42	A
cyflumetofen	N-grnhs flower	1.82	5	4.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
cyflumetofen	N-outdr plants in containers	0.37	1	2.0	A
cyflumetofen	N-outdr plants in containers	0.03	1	2,000.0	U
cyfluthrin	Landscape maintenance	0.01	N/A	N/A	N/A
cyfluthrin	N-outdr plants in containers	1.39	25	125.0	A
cyfluthrin	Structural pest control	22.67	N/A	N/A	N/A
beta-cyfluthrin	Landscape maintenance	6.83	N/A	N/A	N/A
beta-cyfluthrin	Structural pest control	17.2	N/A	N/A	N/A
cypermethrin	Structural pest control	2.91	N/A	N/A	N/A
cyprodinil	Apple	2.54	5	108.0	A
cyprodinil	Grape, wine	10,274.47	2,901	39,484.13	A
cyprodinil	N-grnhs flower	15.68	22	49.0	A
cyromazine	N-grnhs flower	3.41	11	9.0	A
cyromazine	N-grnhs transplants	0.03	1	10,000.0	S
2,4-d, diethanolamine salt	Landscape maintenance	4.28	N/A	N/A	N/A
2,4-d, dimethylamine salt	Grape, wine	3.4	1	3.0	A
2,4-d, dimethylamine salt	Landscape maintenance	62.46	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
2,4-d, dimethylamine salt	Oat	740.69	5	876.0	A
2,4-d, dimethylamine salt	Pastureland	90.02	1	40.0	A
2,4-d, dimethylamine salt	Rangeland	7.94	1	7.0	A
2,4-d, dimethylamine salt	Ryegrass	27.01	2	24.0	A
2,4-d, dimethylamine salt	Wheat	231.81	1	275.0	A
2,4-d, 2-ethylhexyl ester	Landscape maintenance	134.83	N/A	N/A	N/A
2,4-d, 2-ethylhexyl ester	Structural pest control	0.04	N/A	N/A	N/A
2,4-d, isooctyl ester	Landscape maintenance	19.82	N/A	N/A	N/A
2,4-d, triisopropanolamine salt	Landscape maintenance	22.35	N/A	N/A	N/A
ddvp	Structural pest control	2.69	N/A	N/A	N/A
ddvp, other related	Structural pest control	0.07	N/A	N/A	N/A
deltamethrin	Landscape maintenance	0.04	N/A	N/A	N/A
deltamethrin	Structural pest control	172.55	N/A	N/A	N/A
dialkyl phthalate	Grape, wine	0.64	2	15.2	A
diatomaceous earth	Structural pest control	17.61	N/A	N/A	N/A
diazinon	Apple	46.5	3	6.0	A
diazinon	Landscape maintenance	0.73	N/A	N/A	N/A
diazinon	N-grnhs transplants	0.25	2	20,000.0	S
diazinon	N-outdr flower	5.75	6	23.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
dicamba	Landscape maintenance	11.52	N/A	N/A	N/A
dicamba	Structural pest control	<0.01	N/A	N/A	N/A
dicamba, dimethylamine salt	Landscape maintenance	9.2	N/A	N/A	N/A
dichlobenil	Rights of way	120.85	N/A	N/A	N/A
1,3-dichloropropene	Grape, wine	22,571.15	6	68.0	A
dicloran	Grape, wine	1.8	2	7.0	A
didecyl dimethyl ammonium chloride	Industrial hemp	15.24	308	362,846.0	S
didecyl dimethyl ammonium chloride	Structural pest control	0.04	N/A	N/A	N/A
diethylene glycol	Forest, timberland	6.91	4	281.0	A
diethylene glycol	Grape, wine	147.81	94	2,747.4	A
diethylene glycol	Landscape maintenance	26.23	N/A	N/A	N/A
diethylene glycol	Rights of way	4.38	N/A	N/A	N/A
difenoconazole	Apple	0.88	5	108.0	A
difenoconazole	Grape, wine	2,118.91	2,181	28,892.55	A
difenoconazole	Landscape maintenance	7.33	N/A	N/A	N/A
difethialone	Animal premise	0.01	N/A	15,741.0	U
difethialone	Structural pest control	0.06	N/A	N/A	N/A
difethialone	Vertebrate control	<0.01	N/A	N/A	N/A
dikegulac sodium	Landscape maintenance	4.36	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
dimethenamid-p	Landscape maintenance	0.38	N/A	N/A	N/A
dimethenamid-p	N-outdr plants in containers	0.38	1	20,000.0	S
dimethyl alkyl tertiary amines	Barley	0.87	1	140.0	A
dimethyl alkyl tertiary amines	Grape, wine	55.91	1,155	9,306.26	A
dimethyl alkyl tertiary amines	Landscape maintenance	0.24	N/A	N/A	N/A
dimethyl alkyl tertiary amines	Oat	1.44	1	231.0	A
dimethyl alkyl tertiary amines	Pastureland	0.35	1	56.0	A
dimethyl alkyl tertiary amines	Rangeland	13.29	5	2,139.0	A
dimethyl alkyl tertiary amines	Rights of way	4.25	N/A	N/A	N/A
dimethyl alkyl tertiary amines	Ryegrass	0.12	1	20.0	A
dimethyl alkyl tertiary amines	Uncultivated non-ag	0.02	1	4.0	A
dimethyl alkyl tertiary amines	Water area	0.02	2	3.0	A
dimethyl alkyl tertiary amines	Wheat	0.71	1	115.0	A
3,7-dimethyl-6-octen-1-ol	Grape, wine	2.48	44	220.9	A
dimethylpolysiloxane	Apple	0.02	1	0.5	A
dimethylpolysiloxane	Barley	0.03	1	140.0	A
dimethylpolysiloxane	Forest, timberland	0.15	4	281.0	A
dimethylpolysiloxane	Grape, wine	161.16	4,107	57,494.69	A
dimethylpolysiloxane	Landscape maintenance	1.1	N/A	N/A	N/A
dimethylpolysiloxane	N-grnhs flower	0.1	31	26.0	A
dimethylpolysiloxane	N-grnhs flower	<0.01	N/A	3.0	U

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
dimethylpolysiloxane	N-outdr flower	0.02	6	5.5	A
dimethylpolysiloxane	N-outdr transplants	<0.01	1	31,438.0	S
dimethylpolysiloxane	Oat	0.44	17	2,106.0	A
dimethylpolysiloxane	Olive	<0.01	2	0.5	A
dimethylpolysiloxane	Pastureland	0.01	1	56.0	A
dimethylpolysiloxane	Pepper, fruiting	0.07	1	20.0	A
dimethylpolysiloxane	Rangeland	0.33	4	2,132.0	A
dimethylpolysiloxane	Rights of way	0.02	2	16.0	A
dimethylpolysiloxane	Rights of way	0.1	N/A	N/A	N/A
dimethylpolysiloxane	Ryegrass	<0.01	1	20.0	A
dimethylpolysiloxane	Uncultivated ag	0.04	N/A	48.15	A
dimethylpolysiloxane	Water area	0.02	5	110.0	A
dimethylpolysiloxane	Wheat	0.02	1	115.0	A
dimethyl silicone fluid emulsion	Grape, wine	25.68	190	2,766.85	A
dinotefuran	Grape, wine	148.3	118	1,527.32	A
dinotefuran	Landscape maintenance	2.36	N/A	N/A	N/A
dinotefuran	N-outdr plants in containers	0.63	6	8.0	A
dinotefuran	N-outdr transplants	0.13	1	40,005.0	S
dinotefuran	Structural pest control	76.15	N/A	N/A	N/A
dioctyl dimethyl ammonium chloride	Structural pest control	<0.01	N/A	N/A	N/A
diphacinone	Grape, wine	<0.01	4	3.5	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
diphacinone	Landscape maintenance	0.04	N/A	N/A	N/A
diphacinone	Public health	<0.01	N/A	N/A	N/A
diphacinone	Structural pest control	0.28	N/A	N/A	N/A
diphacinone, sodium salt	Structural pest control	0.11	N/A	N/A	N/A
diphacinone, sodium salt	Vertebrate control	0.01	N/A	N/A	N/A
diquat dibromide	Grape, wine	5.11	5	50.41	A
diquat dibromide	Landscape maintenance	70.43	N/A	N/A	N/A
diquat dibromide	Rights of way	17.34	N/A	N/A	N/A
diquat dibromide	Water (industrial)	111.87	N/A	16.25	A
diquat dibromide	Water area	118.11	27	20.8	A
diquat dibromide	Water area	0.93	1	3,000.0	S
disodium octaborate tetrahydrate	Grape, wine	1.79	5	47.5	A
disodium octaborate tetrahydrate	Landscape maintenance	1.37	N/A	N/A	N/A
disodium octaborate tetrahydrate	Structural pest control	3,337.9	N/A	N/A	N/A
dithiopyr	Landscape maintenance	304.76	N/A	N/A	N/A
dithiopyr	N-outdr transplants	0.48	2	70,500.0	S
dithiopyr	Rights of way	4.59	N/A	N/A	N/A
diuron	Landscape maintenance	2.4	N/A	N/A	N/A
diuron	Rights of way	0.8	N/A	N/A	N/A
e,e-8,10-dodecadien-1-ol	Apple	0.71	3	4.25	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
e,e-8,10-dodecadien-1-ol	Grape, wine	0.08	1	6.0	A
e,e-8,10-dodecadien-1-ol	Pear	0.1	1	0.5	A
dodecylbenzene sulfonic acid	Landscape maintenance	0.14	N/A	N/A	N/A
dodecylbenzene sulfonic acid	N-outdr plants in containers	17.67	41	139.0	A
alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	Grape, wine	70.89	439	5,393.79	A
alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	1.69	N/A	N/A	N/A
alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	Pome fruit	0.11	1	0.13	A
alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	Stone fruit	<0.01	1	0.17	A
edta, tetrasodium salt	Landscape maintenance	0.01	N/A	N/A	N/A
edta, tetrasodium salt	N-outdr plants in containers	1.09	41	139.0	A
emamectin benzoate	Landscape maintenance	0.08	N/A	N/A	N/A
emulsifiable polyethylene	Grape, wine	1.12	1	90.0	A
endosulfan	Grape, wine	1.0	1	13.0	A
endothall, dipotassium salt	Landscape maintenance	19.04	N/A	N/A	N/A
endothall, dipotassium salt	Water (industrial)	97.3	N/A	8.0	A
endothall, mono [n,n-dimethyl alkylamine] salt	Water (industrial)	13.58	N/A	6.0	A
esfenvalerate	Apple	4.01	3	58.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
esfenvalerate	Landscape maintenance	0.31	N/A	N/A	N/A
esfenvalerate	Structural pest control	19.89	N/A	N/A	N/A
ethephon	Landscape maintenance	0.19	1	1,000.0	S
ethephon	Landscape maintenance	423.81	N/A	N/A	N/A
etofenprox	Public health	40.55	N/A	N/A	N/A
etofenprox	Structural pest control	0.07	N/A	N/A	N/A
ethofumesate	Landscape maintenance	56.75	N/A	N/A	N/A
ethylene glycol	Grape, wine	6.0	9	44.0	A
etoxazole	Grape, wine	133.2	48	2,207.21	A
farnesol	Grape, wine	0.99	44	220.9	A
fatty acids, methyl esters	Grape, wine	181.92	28	327.83	A
fatty acids, mixed	Forest, timberland	12.31	4	281.0	A
fatty acids, mixed	Grape, wine	318.28	237	3,526.17	A
fatty acids, mixed	Landscape maintenance	55.57	N/A	N/A	N/A
fatty acids, mixed	Rangeland	0.11	1	7.0	A
fatty acids, mixed	Rights of way	7.8	N/A	N/A	N/A
fatty acids, mixed	Water area	0.26	13	8.0	A
fatty acids, c16-18 and c18-unsaturated, branched and linear	Grape, wine	0.03	2	8.0	A
fatty acids, c16-c18 and c18-unsaturated, methyl esters	Grape, wine	10.1	2	234.0	A
fatty acids, c16-c18 and c18-unsaturated, methyl esters	Landscape maintenance	0.54	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
fatty acids, c16-c18 and c18-unsaturated, methyl esters	Water (industrial)	4.99	N/A	63.0	A
fenarimol	Grape, wine	1.08	2	15.0	A
fenhexamid	Grape, wine	8,893.18	1,597	19,225.86	A
fenhexamid	Grape, wine	0.5	1	44,550.0	S
fenhexamid	N-grnhs flower	3.5	3	4.0	A
fenhexamid	N-grnhs transplants	4.91	12	384,111.0	S
fenhexamid	N-outdr plants in containers	0.5	1	15,000.0	S
fenhexamid	N-outdr transplants	1.13	2	76,730.0	S
fenhexamid	Peach	0.25	1	1.0	A
fenpropathrin	Apple	14.96	5	46.5	A
fenpropathrin	Grape, wine	0.06	1	2.0	A
fenpropathrin	Olive	2.05	6	6.5	A
fenpyroximate	Grape, wine	1.48	2	13.87	A
fipronil	N-outdr plants in containers	<0.01	1	1.0	A
fipronil	Structural pest control	112.42	N/A	N/A	N/A
flazasulfuron	Grape, wine	136.79	856	7,303.83	A
flazasulfuron	Grape, wine	0.01	1	1.0	U
flonicamid	N-outdr plants in containers	0.5	2	4.0	A
fluazifop-p-butyl	Grape, wine	146.47	51	674.98	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
fluazifop-p-butyl	Landscape maintenance	161.75	N/A	N/A	N/A
fluazifop-p-butyl	N-outdr flower	0.02	1	0.25	A
fluazinam	Landscape maintenance	4.64	N/A	N/A	N/A
flubendiamide	Apple	9.18	3	58.0	A
fludioxonil	Grape, wine	1,362.35	607	6,414.67	A
fludioxonil	Landscape maintenance	24.81	N/A	N/A	N/A
fludioxonil	N-grnhs flower	10.45	22	49.0	A
flumioxazin	Apple	1.72	3	90.0	A
flumioxazin	Grape, wine	2,839.57	1,181	14,186.87	A
flumioxazin	Landscape maintenance	2.93	N/A	N/A	N/A
flumioxazin	Pear	0.19	1	1.0	A
flumioxazin	Rangeland	0.06	2	6.0	A
flumioxazin	Rights of way	4.34	3	18.0	A
flumioxazin	Rights of way	188.57	N/A	N/A	N/A
flumioxazin	Uncultivated ag	1.61	N/A	8.4	A
flumioxazin	Water area	2.18	2	9.0	A
fluopicolide	Landscape maintenance	0.05	N/A	N/A	N/A
fluopicolide	N-grnhs transplants	0.06	2	20,000.0	S
fluopyram	Apple	7.34	3	90.0	A
fluopyram	Grape, wine	2,760.08	2,005	27,384.89	A
fluopyram	Landscape maintenance	5.71	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
flupyradifurone	Grape, wine	306.23	141	3,211.74	A
fluridone	Water (industrial)	0.75	N/A	2.0	A
flurprimidol	Landscape maintenance	0.29	N/A	N/A	N/A
flutolanil	Landscape maintenance	10.5	1	1.5	A
flutolanil	Landscape maintenance	147.0	N/A	N/A	N/A
flutriafol	Grape, wine	751.82	508	9,402.34	A
tau-fluvalinate	Landscape maintenance	0.03	N/A	N/A	N/A
tau-fluvalinate	N-grnhs flower	16.29	34	1,250,000.0	S
tau-fluvalinate	N-grnhs plants in containers	0.01	3	240.0	S
tau-fluvalinate	N-grnhs transplants	0.06	1	20,000.0	S
tau-fluvalinate	N-outdr transplants	0.06	1	20,000.0	S
fluxapyroxad	Grape, wine	252.31	56	3,043.04	A
fluxapyroxad	Landscape maintenance	9.88	N/A	N/A	N/A
foramsulfuron	Rights of way	0.06	N/A	N/A	N/A
forchlorfenuron	Grape, wine	0.48	43	122.96	A
fosetyl-al	Landscape maintenance	53.35	N/A	N/A	N/A
fosetyl-al	N-grnhs flower	12.0	2	3.0	A
fosetyl-al	N-grnhs flower	10.0	4	125,000.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
fosetyl-al	N-grnhs transplants	2.4	2	30,000.0	S
fosetyl-al	N-outdr plants in containers	4.95	3	13,500.0	S
fox urine	Landscape maintenance	0.09	N/A	N/A	N/A
free fatty acids and/or amine salts	Landscape maintenance	36.02	N/A	N/A	N/A
gamma-cyhalothrin	Landscape maintenance	<0.01	N/A	N/A	N/A
gamma-cyhalothrin	Structural pest control	0.02	N/A	N/A	N/A
garlic	Grape, wine	1.27	7	92.31	A
garlic	Industrial hemp	9.54	541	585,933.0	S
garlic	N-grnhs flower	0.12	1	1.5	A
geraniol	Grape, wine	2.48	44	220.9	A
glufosinate-ammonium	Grape, wine	7,269.85	1,308	8,834.1	A
glufosinate-ammonium	Landscape maintenance	4.57	N/A	N/A	N/A
glufosinate-ammonium	N-grnhs transplants	2.14	1	83,000.0	S
glufosinate-ammonium	N-outdr transplants	0.71	1	31,438.0	S
glufosinate-ammonium	Rangeland	12.29	5	21.0	A
glufosinate-ammonium	Rights of way	15.47	N/A	N/A	N/A
glutaraldehyde	Water (industrial)	743.99	N/A	8.0	A
glutaraldehyde	Water (industrial)	100.75	N/A	96.0	U

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
glycerol	Grape, wine	25.21	5	264.05	A
glyphosate, dimethylamine salt	Rights of way	698.13	N/A	N/A	N/A
glyphosate, isopropylamine salt	Forest, timberland	374.94	4	281.0	A
glyphosate, isopropylamine salt	Grape, wine	12,221.12	936	10,756.54	A
glyphosate, isopropylamine salt	Landscape maintenance	20.49	26	152.75	A
glyphosate, isopropylamine salt	Landscape maintenance	0.44	3	2,128.0	S
glyphosate, isopropylamine salt	Landscape maintenance	5,654.01	N/A	N/A	N/A
glyphosate, isopropylamine salt	N-grnhs transplants	1.3	3	42,000.0	S
glyphosate, isopropylamine salt	N-outdr plants in containers	29.68	10	43.0	A
glyphosate, isopropylamine salt	N-outdr plants in containers	11.09	4	30,000.0	S
glyphosate, isopropylamine salt	N-outdr transplants	2.8	4	48,000.0	S
glyphosate, isopropylamine salt	Oat	559.42	5	714.0	A
glyphosate, isopropylamine salt	Rangeland	4.74	7	20.0	A
glyphosate, isopropylamine salt	Rights of way	5,050.08	N/A	N/A	N/A
glyphosate, isopropylamine salt	Strawberry	2.97	1	3.0	A
glyphosate, isopropylamine salt	Structural pest control	0.94	N/A	N/A	N/A
glyphosate, isopropylamine salt	Uncultivated ag	158.84	9	57.1	A
glyphosate, isopropylamine salt	Uncultivated non-ag	2.02	3	10.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
glyphosate, isopropylamine salt	Water (industrial)	135.11	N/A	48.5	A
glyphosate, isopropylamine salt	Water area	334.4	9	124.0	A
glyphosate, isopropylamine salt	Water area	3.46	1	3,000.0	S
glyphosate, monoammonium salt	Landscape maintenance	18.48	N/A	N/A	N/A
glyphosate, potassium salt	Apple	73.79	7	142.0	A
glyphosate, potassium salt	Forest, timberland	1.38	N/A	1.0	A
glyphosate, potassium salt	Grape, wine	48,271.96	2,829	32,400.14	A
glyphosate, potassium salt	Grape, wine	0.86	1	1.0	U
glyphosate, potassium salt	Landscape maintenance	44.62	18	128.0	A
glyphosate, potassium salt	Landscape maintenance	1,026.61	N/A	N/A	N/A
glyphosate, potassium salt	N-grnhs transplants	0.52	1	48,384.0	S
glyphosate, potassium salt	N-outdr flower	47.54	7	25.33	A
glyphosate, potassium salt	N-outdr plants in containers	67.32	11	36.0	A
glyphosate, potassium salt	N-outdr plants in containers	22.93	26	355,750.0	S
glyphosate, potassium salt	Olive	9.31	1	4.0	A
glyphosate, potassium salt	Olive	0.52	1	40.0	U
glyphosate, potassium salt	Pear	0.26	1	1.0	A
glyphosate, potassium salt	Rangeland	14.83	2	400.0	A
glyphosate, potassium salt	Rights of way	52.06	4	20.0	A
glyphosate, potassium salt	Rights of way	19.31	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
glyphosate, potassium salt	Ryegrass	51.72	1	50.0	A
glyphosate, potassium salt	Strawberry	6.38	3	11.0	A
glyphosate, potassium salt	Strawberry	0.13	1	600.0	S
glyphosate, potassium salt	Uncultivated ag	113.58	3	49.85	A
glyphosate, potassium salt	Uncultivated non-ag	21.55	3	9.0	A
glyphosate, potassium salt	Walnut	8.28	1	10.0	A
halosulfuron-methyl	Landscape maintenance	0.51	N/A	N/A	N/A
heptamethyltrisiloxane ethoxylated	Pepper, fruiting	3.16	1	20.0	A
heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	Grape, wine	0.21	2	32.6	A
heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	Landscape maintenance	0.13	N/A	N/A	N/A
heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	N-grnhs flower	655.0	130	434.0	A
heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	N-grnhs flower	8.76	8	400,000.0	S
heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	N-outdr flower	0.82	3	3.0	A
heptyl butyrate	Landscape maintenance	0.97	N/A	N/A	N/A
heptyl butyrate	Structural pest control	0.3	N/A	N/A	N/A
hexaflumuron	Structural pest control	0.01	N/A	N/A	N/A
hexylene glycol	Rights of way	6.88	N/A	N/A	N/A
hexythiazox	Grape, wine	7.48	8	48.21	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
hydramethylnon	Structural pest control	0.87	N/A	N/A	N/A
hydrogen peroxide	Grape, wine	1,001.56	131	678.88	A
hydrogen peroxide	N-grnhs transplants	0.76	2	24,000.0	S
hydrogen peroxide	N-grnhs transplants	0.53	4	254.0	U
hydrogen peroxide	Water (industrial)	18.67	N/A	2.5	A
hydrogen peroxide	Water area	292.76	N/A	162.59	U
hydroprene	Structural pest control	5.5	N/A	N/A	N/A
hydrotreated paraffinic solvent	Grape, wine	155.49	240	4,271.9	A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Apple	0.8	3	3.0	A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Grape, wine	25,270.02	8,572	88,515.66	A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Landscape maintenance	0.4	N/A	N/A	N/A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Olive	0.69	4	2.5	A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Rights of way	0.6	N/A	N/A	N/A
iba	Industrial hemp	<0.01	2	16.25	S
iba	Industrial hemp	<0.01	6	329.0	U
imazamox, ammonium salt	Water area	2.91	2	6.0	A
imazapyr, isopropylamine salt	Forest, timberland	272.8	3	407.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
imazapyr, isopropylamine salt	Landscape maintenance	15.12	N/A	N/A	N/A
imazapyr, isopropylamine salt	Rights of way	19.71	N/A	N/A	N/A
imidacloprid	Grape, wine	4,066.96	784	11,570.53	A
imidacloprid	Landscape maintenance	98.92	N/A	N/A	N/A
imidacloprid	N-grnhs flower	3.38	25	875,000.0	S
imidacloprid	N-grnhs plants in containers	<0.01	3	240.0	S
imidacloprid	N-grnhs transplants	2.56	18	538,734.0	S
imidacloprid	N-outdr plants in containers	0.34	2	6.03	A
imidacloprid	N-outdr plants in containers	0.27	6	8,800.0	S
imidacloprid	N-outdr plants in containers	0.73	8	13,854.0	U
imidacloprid	N-outdr transplants	0.08	6	120,000.0	S
imidacloprid	Pepper, fruiting	1.51	1	20.0	A
imidacloprid	Small fruits/berry	0.04	1	1,380.0	S
imidacloprid	Structural pest control	193.83	N/A	N/A	N/A
indaziflam	Grape, wine	355.28	1,035	9,558.78	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
indaziflam	Landscape maintenance	8.19	N/A	N/A	N/A
indaziflam	Rangeland	1.22	5	21.0	A
indaziflam	Rights of way	23.68	N/A	N/A	N/A
indaziflam	Uncultivated ag	1.6	N/A	24.45	A
indoxacarb	Landscape maintenance	2.14	N/A	N/A	N/A
indoxacarb	Structural pest control	57.41	N/A	N/A	N/A
iodosulfuron-methyl-sodium	Rights of way	0.01	N/A	N/A	N/A
iprodione	Landscape maintenance	472.49	N/A	N/A	N/A
iprodione	N-grnhs flower	10.5	8	400,000.0	S
iprodione	N-outdr plants in containers	3.64	4	42,500.0	S
iron phosphate	Broccoli	0.01	2	1,000.0	S
iron phosphate	Landscape maintenance	42.19	N/A	N/A	N/A
iron phosphate	N-grnhs plants in containers	0.02	5	1,500.0	S
iron phosphate	N-grnhs transplants	0.1	4	2.0	A
iron phosphate	N-grnhs transplants	0.03	1	15,012.0	S
iron phosphate	N-outdr plants in containers	0.2	4	4.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
iron phosphate	Structural pest control	0.01	N/A	N/A	N/A
alpha-isodecyl-omega-hydroxypoly(oxyethylene)	Grape, wine	6.06	2	234.0	A
alpha-isodecyl-omega-hydroxypoly(oxyethylene) phosphate	Grape, wine	73.81	77	500.25	A
alpha-isooctadecyl-omega-hydroxypoly(oxyethylene)	Public health	103.61	N/A	N/A	N/A
isopropyl alcohol	Grape, wine	10.71	49	579.65	A
isopropyl alcohol	Landscape maintenance	0.27	N/A	N/A	N/A
isopropyl alcohol	N-outdr plants in containers	5.38	41	139.0	A
isopropyl alcohol	N-outdr plants in containers	0.02	3	16,000.0	S
isopropyl alcohol	Structural pest control	20.78	N/A	N/A	N/A
isopropylamine dodecylbenzene sulfonate	Rights of way	9.06	N/A	N/A	N/A
isoxaben	Grape, wine	10.59	6	50.74	A
isoxaben	Landscape maintenance	0.38	4	6.0	A
isoxaben	Landscape maintenance	119.95	N/A	N/A	N/A
isoxaben	N-outdr plants in containers	1.25	1	2.0	A
isoxaben	N-outdr transplants	0.19	1	6,000.0	S
isoxaben	Rights of way	484.16	N/A	N/A	N/A
isoxaben	Uncultivated non-ag	0.13	1	0.5	A
kaolin	Apple	6,669.0	25	187.2	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
kaolin	Grape, wine	20,142.69	161	1,529.07	A
kaolin	Olive	358.63	17	30.33	A
kresoxim-methyl	Apple	40.13	19	221.0	A
kresoxim-methyl	Grape, wine	204.52	125	1,575.05	A
lactic acid	N-grnhs flower	0.01	1	25,000.0	S
lambda-cyhalothrin	Landscape maintenance	0.21	N/A	N/A	N/A
lambda-cyhalothrin	N-outdr plants in containers	2.27	35	77.5	A
lambda-cyhalothrin	N-outdr plants in containers	0.01	2	15,000.0	S
lambda-cyhalothrin	Structural pest control	3.37	N/A	N/A	N/A
lauryl alcohol	Apple	0.4	3	4.25	A
lauryl alcohol	Pear	0.06	1	0.5	A
lavandulyl senecioate	Grape, wine	167.27	782	11,991.27	A
lecithin	Grape, wine	256.45	214	1,209.23	A
lecithin	Landscape maintenance	12.05	N/A	N/A	N/A
lecithin	N-outdr plants in containers	18.79	14	25.0	A
lecithin	Rangeland	2.65	1	7.0	A
lecithin	Water area	6.11	13	8.0	A
lime-sulfur	Apple	17,616.8	174	1,261.54	A
lime-sulfur	Grape, wine	7,110.25	61	560.26	A
lime-sulfur	Peach	1.54	1	0.01	A
lime-sulfur	Pear	9.2	1	1.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
limonene	Landscape maintenance	419.78	N/A	N/A	N/A
limonene	Structural pest control	299.72	N/A	N/A	N/A
limonene	Water (industrial)	24.97	N/A	63.0	A
magnesium phosphide	Herb, spice	1.4	N/A	30,000.0	S
malathion	Grape, wine	87.23	9	46.82	A
malathion	Landscape maintenance	1.09	N/A	N/A	N/A
malathion	N-outdr plants in containers	1.88	5	20.0	A
mancozeb	Apple	1,136.25	31	369.5	A
mancozeb	Grape, wine	1,162.58	12	797.3	A
mancozeb	Landscape maintenance	378.1	N/A	N/A	N/A
mancozeb	N-grnhs flower	5.63	5	4.5	A
mancozeb	N-grnhs transplants	0.96	2	34,000.0	S
mancozeb	N-outdr flower	9.99	1	5.5	A
mancozeb	N-outdr transplants	2.25	4	80,000.0	S
mancozeb	Pumpkin	123.0	12	58.0	A
mancozeb	Structural pest control	9.75	N/A	N/A	N/A
margosa oil	Industrial hemp	72.93	569	618,197.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
margosa oil	N-outdr plants in containers	6.16	23	115.0	A
margosa oil	N-outdr plants in containers	10.39	3	35,500.0	S
mcpa, dimethylamine salt	Landscape maintenance	30.25	N/A	N/A	N/A
mcpa, 2-ethyl hexyl ester	Landscape maintenance	0.01	N/A	N/A	N/A
mcpa, isooctyl ester	Landscape maintenance	3.22	N/A	N/A	N/A
mcpp, dimethylamine salt	Landscape maintenance	0.21	N/A	N/A	N/A
mcpp-p, dimethylamine salt	Landscape maintenance	26.36	N/A	N/A	N/A
mcpp-p, potassium salt	Landscape maintenance	13.82	N/A	N/A	N/A
mecoprop-p	Landscape maintenance	34.76	N/A	N/A	N/A
mecoprop-p	Structural pest control	0.01	N/A	N/A	N/A
mefenoxam	Landscape maintenance	4.64	N/A	N/A	N/A
mefenoxam	N-grnhs flower	0.09	3	75,000.0	S
mefenoxam	N-grnhs transplants	1.75	8	180,373.0	S
mefenoxam	N-outdr transplants	0.21	3	12,100.0	S
mefenoxam	Pumpkin	11.52	2	11.5	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
mefenoxam, other related	Landscape maintenance	0.12	N/A	N/A	N/A
mefenoxam, other related	N-grnhs transplants	0.04	5	152,073.0	S
metaflumizone	Grape, wine	0.02	2	21.63	A
metaldehyde	Landscape maintenance	1.48	N/A	N/A	N/A
metaldehyde	N-grnhs plants in containers	0.05	2	0.06	A
metaldehyde	N-grnhs plants in containers	0.25	12	1,070.0	U
metaldehyde	N-outdr plants in containers	10.5	1	8.5	A
metaldehyde	N-outdr plants in containers	1.75	1	20,000.0	S
metaldehyde	Structural pest control	<0.01	N/A	N/A	N/A
metam-sodium	Rights of way	1,616.03	N/A	N/A	N/A
metconazole	Landscape maintenance	0.38	N/A	N/A	N/A
methoprene	Public health	77.19	N/A	N/A	N/A
methoprene	Structural pest control	<0.01	N/A	N/A	N/A
s-methoprene	Landscape maintenance	3.91	N/A	N/A	N/A
s-methoprene	Public health	137.88	N/A	N/A	N/A
s-methoprene	Structural pest control	0.15	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
methoxyfenozide	Grape, wine	151.26	99	733.33	A
methoxyfenozide	N-grnhs plants in containers	0.04	1	1.0	A
methoxyfenozide	N-outdr plants in containers	3.49	21	105.0	A
methyl anthranilate	Grape, wine	0.88	1	2.0	A
methylated soybean oil	Apple	0.94	1	2.0	A
methylated soybean oil	Barley	30.47	1	140.0	A
methylated soybean oil	Forest, timberland	182.33	4	393.0	A
methylated soybean oil	Grape, wine	3,465.31	1,460	12,445.12	A
methylated soybean oil	Landscape maintenance	13.15	N/A	N/A	N/A
methylated soybean oil	N-outdr plants in containers	9.39	14	25.0	A
methylated soybean oil	Oat	50.23	1	231.0	A
methylated soybean oil	Pastureland	12.17	1	56.0	A
methylated soybean oil	Rangeland	465.07	5	2,139.0	A
methylated soybean oil	Rights of way	1,384.3	N/A	N/A	N/A
methylated soybean oil	Ryegrass	4.35	1	20.0	A
methylated soybean oil	Uncultivated ag	1.87	2	3.0	A
methylated soybean oil	Uncultivated non-ag	0.8	1	4.0	A
methylated soybean oil	Water area	0.65	2	3.0	A
methylated soybean oil	Wheat	24.98	1	115.0	A
2-methyl-4-isothiazolin-3-one	Water (industrial)	0.16	N/A	1.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
methyl silicone resins	Grape, wine	60.79	50	817.0	A
metofluthrin	Structural pest control	0.01	N/A	N/A	N/A
metrafenone	Grape, wine	5,254.44	1,647	19,287.32	A
mineral oil	Apple	15,973.28	83	733.59	A
mineral oil	Grape, wine	169,647.9	3,624	42,560.01	A
mineral oil	Landscape maintenance	1,914.96	N/A	N/A	N/A
mineral oil	N-grnhs plants in containers	0.7	1	1,600.0	S
mineral oil	N-grnhs transplants	1.4	1	2,116.0	S
mineral oil	N-outdr plants in containers	102.25	23	75.5	A
mineral oil	N-outdr plants in containers	18.62	4	30,500.0	S
mineral oil	Nectarine	1.74	1	0.25	A
mineral oil	Peach	8.68	2	1.25	A
mineral oil	Pear	301.71	5	37.0	A
mineral oil	Pome fruit	0.56	1	0.13	A
mineral oil	Public health	189.03	N/A	N/A	N/A
mineral oil	Rights of way	1.71	N/A	N/A	N/A
mineral oil	Stone fruit	0.61	2	0.27	A
mineral oil	Uncultivated non-ag	0.04	1	4.0	A
modified phthalic glycerol alkyd resin	Grape, wine	112.65	47	754.99	A
msma	Grape, wine	0.73	1	22.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
msma	Landscape maintenance	42.43	N/A	N/A	N/A
muscalure	Structural pest control	0.07	N/A	N/A	N/A
myclobutanil	Apple	16.15	12	127.0	A
myclobutanil	Grape, wine	1,143.93	854	12,932.06	A
myclobutanil	Landscape maintenance	20.09	1	1.5	A
myclobutanil	Landscape maintenance	20.95	N/A	N/A	N/A
myclobutanil	Peach	0.1	1	1.0	A
myristyl alcohol	Apple	0.08	3	4.25	A
myristyl alcohol	Pear	0.01	1	0.5	A
myrothecium verrucaria, dried fermentation solids & solubles, strain aarc-0255	Grape, wine	3,498.89	38	457.45	A
naa, ammonium salt	Landscape maintenance	4.81	N/A	N/A	N/A
nabam	Water (industrial)	384.03	N/A	1.0	A
nerolidol	Grape, wine	2.48	44	220.9	A
nicarbazin	Structural pest control	0.06	N/A	N/A	N/A
nonanoic acid	Landscape maintenance	34.57	N/A	N/A	N/A
nonanoic acid, other related	Landscape maintenance	1.82	N/A	N/A	N/A
4-nonylphenol, formaldehyde resin, propoxylated	Grape, wine	598.0	360	6,108.36	A
4-nonylphenol, formaldehyde resin, propoxylated	Olive	10.9	1	14.3	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Apple	0.02	2	4.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Barley	23.32	1	140.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Forest, timberland	50.51	8	674.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Grape, wine	33,435.58	5,928	82,657.5	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	333.42	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	N-grnhs flower	1.51	N/A	26.0	U
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	N-outdr plants in containers	0.46	3	16,000.0	S
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Oat	351.39	17	2,106.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Olive	13.37	7	15.88	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Pastureland	7.0	1	56.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Pepper, fruiting	1.58	2	40.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Rangeland	267.14	5	2,139.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Rights of way	238.78	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Ryegrass	3.33	1	20.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Water area	20.25	18	118.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Wheat	19.19	1	115.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	Grape, wine	118.32	81	1,313.81	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	Rights of way	2.93	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	Grape, wine	314.27	280	2,962.61	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	Pepper, fruiting	0.22	2	40.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	Rights of way	1.26	2	16.0	A
novaluron	Structural pest control	0.04	N/A	N/A	N/A
noviflumuron	Structural pest control	0.08	N/A	N/A	N/A
n-octyl bicycloheptene dicarboximide	Structural pest control	13.41	N/A	N/A	N/A
octyl decyl dimethyl ammonium chloride	Structural pest control	<0.01	N/A	N/A	N/A
alpha-octylphenyl-omega-hydroxypoly(oxyethylene)	Grape, wine	23.74	15	54.64	A
oleic acid, ethyl ester	Grape, wine	616.27	62	1,205.93	A
oleic acid, ethyl ester	Landscape maintenance	37.24	N/A	N/A	N/A
oleic acid, ethyl ester	Rights of way	102.94	N/A	N/A	N/A
oleic acid, ethyl ester	Water area	6.01	1	4.0	A
oleic acid, methyl ester	Grape, wine	5,785.62	344	3,203.12	A
oleic acid, methyl ester	Landscape maintenance	20.57	N/A	N/A	N/A
oleic acid, methyl ester	Pepper, fruiting	21.02	1	20.0	A
oleic acid, methyl ester	Rights of way	11.03	N/A	N/A	N/A
oryzalin	Apple	3.12	1	10.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
oryzalin	Grape, wine	227.08	19	148.01	A
oryzalin	Landscape maintenance	93.62	N/A	N/A	N/A
oryzalin	Rights of way	42.22	N/A	N/A	N/A
oryzalin	Structural pest control	0.98	N/A	N/A	N/A
oxadiazon	Landscape maintenance	18.19	N/A	N/A	N/A
oxadiazon	N-outdr transplants	7.0	4	140,000.0	S
oxathiapiprolin	N-outdr plants in containers	0.16	2	4.0	A
oxyfluorfen	Apple	0.5	1	2.0	A
oxyfluorfen	Grape, wine	3,330.37	488	5,311.04	A
oxyfluorfen	Landscape maintenance	7.02	N/A	N/A	N/A
oxyfluorfen	N-outdr flower	11.89	7	25.33	A
oxyfluorfen	Rights of way	0.44	1	2.0	A
oxyfluorfen	Rights of way	0.25	N/A	N/A	N/A
oxyfluorfen	Uncultivated ag	12.17	2	11.4	A
oxytetracycline, calcium complex	Pear	5.08	4	36.0	A
oxytetracycline hydrochloride	Landscape maintenance	0.01	N/A	N/A	N/A
paclobutrazol	Landscape maintenance	42.61	N/A	N/A	N/A
paraquat dichloride	Strawberry	1.12	2	3.0	A
pcnb	Landscape maintenance	281.75	N/A	N/A	N/A
pendimethalin	Grape, wine	10,057.19	272	4,814.01	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
pendimethalin	Landscape maintenance	353.72	N/A	N/A	N/A
pendimethalin	N-outdr plants in containers	0.5	1	20,000.0	S
pendimethalin	N-outdr transplants	1.81	2	26,000.0	S
pendimethalin	Rights of way	18.14	N/A	N/A	N/A
pendimethalin	Strawberry	1.42	1	1.5	A
pendimethalin	Uncultivated ag	12.66	2	15.5	A
penoxsulam	Landscape maintenance	4.24	N/A	N/A	N/A
penthiopyrad	Landscape maintenance	38.34	N/A	N/A	N/A
permethrin	Landscape maintenance	135.6	N/A	N/A	N/A
permethrin	N-grnhs flower	0.39	N/A	24.0	U
permethrin	N-outdr flower	3.24	7	6.5	A
permethrin	Squash	4.01	2	40.0	A
permethrin	Structural pest control	174.62	N/A	N/A	N/A
permethrin	Tomatillo	0.3	1	3.0	A
permethrin	Tomato	0.4	1	2.0	A
permethrin, other related	Structural pest control	0.01	N/A	N/A	N/A
peroxyacetic acid	Grape, wine	67.34	94	621.82	A
peroxyacetic acid	N-grnhs transplants	0.06	2	24,000.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
peroxyacetic acid	N-grnhs transplants	0.04	4	254.0	U
peroxyacetic acid	Water (industrial)	1.38	N/A	2.5	A
peroxyacetic acid	Water area	199.61	N/A	162.59	U
petroleum distillates	Landscape maintenance	6.46	N/A	N/A	N/A
petroleum distillates	Public health	36.51	N/A	N/A	N/A
petroleum distillates	Structural pest control	0.22	N/A	N/A	N/A
petroleum distillates, aromatic	Grape, wine	247.86	15	213.7	A
petroleum distillates, aromatic	Landscape maintenance	0.4	N/A	N/A	N/A
petroleum distillates, aromatic	Pepper, fruiting	15.56	2	40.0	A
petroleum distillates, refined	Apple	7.04	1	0.5	A
petroleum distillates, refined	Grape, wine	86,954.69	806	15,471.6	A
petroleum distillates, refined	Industrial hemp	2.33	5	6,680.0	S
petroleum distillates, refined	Landscape maintenance	43.65	N/A	N/A	N/A
petroleum distillates, refined	N-grnhs transplants	3.5	3	40,720.0	S
petroleum distillates, refined	N-outdr plants in containers	0.55	1	4.0	A
petroleum distillates, refined	Peach	3.52	1	0.5	A
petroleum distillates, refined	Pear	7.04	1	0.5	A
petroleum distillates, refined	Pepper, fruiting	42.22	1	20.0	A
petroleum distillates, refined	Public health	1,161.99	N/A	N/A	N/A
petroleum distillates, refined	Squash	42.22	1	20.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
petroleum oil, paraffin based	Grape, wine	5.19	2	20.0	A
petroleum oil, paraffin based	Rights of way	1,473.77	N/A	N/A	N/A
petroleum oil, unclassified	Apple	211.11	1	6.0	A
petroleum oil, unclassified	Grape, wine	17,201.73	152	3,773.79	A
petroleum oil, unclassified	Landscape maintenance	13.27	N/A	N/A	N/A
phenothrin	Public health	0.03	N/A	N/A	N/A
phenothrin	Structural pest control	0.74	N/A	N/A	N/A
phenylethyl propionate	Structural pest control	0.05	N/A	N/A	N/A
ortho-phenylphenol	Structural pest control	5.75	N/A	N/A	N/A
phosmet	Apple	10.5	5	7.1	A
phosmet	Peach	0.7	1	1.0	A
phosmet	Pear	0.7	1	1.0	A
phosphoric acid	Grape, wine	0.69	1	22.05	A
phosphoric acid	Landscape maintenance	0.03	N/A	N/A	N/A
phosphoric acid	N-outdr plants in containers	3.48	41	139.0	A
phosphoric acid	Rights of way	0.04	2	16.0	A
piperalin	N-grnhs flower	54.37	39	69.5	A
piperonyl butoxide	Landscape maintenance	2.16	N/A	N/A	N/A
piperonyl butoxide	Public health	50.22	N/A	N/A	N/A
piperonyl butoxide	Structural pest control	103.4	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
piperonyl butoxide, other related	Landscape maintenance	0.54	N/A	N/A	N/A
piperonyl butoxide, other related	Public health	11.46	N/A	N/A	N/A
piperonyl butoxide, other related	Structural pest control	13.37	N/A	N/A	N/A
polyacrylamide polymer	Grape, wine	5.38	117	448.62	A
polyacrylamide polymer	Oat	6.2	16	1,875.0	A
polyacrylamide polymer	Water area	0.56	21	14.9	A
polyalkene oxide modified heptamethyl trisiloxane	Forest, timberland	0.36	1	120.0	A
polyalkene oxide modified heptamethyl trisiloxane	Grape, wine	32.97	88	1,613.29	A
polyalkene oxide modified heptamethyl trisiloxane	Landscape maintenance	78.48	N/A	N/A	N/A
polyalkene oxide modified heptamethyl trisiloxane	N-grnhs flower	2.07	22	18.5	A
polyalkene oxide modified heptamethyl trisiloxane	N-grnhs flower	20.87	6	250,000.0	S
polyalkene oxide modified heptamethyl trisiloxane	N-grnhs flower	0.56	N/A	23.0	U
polyalkene oxide modified heptamethyl trisiloxane	Rights of way	60.46	N/A	N/A	N/A
polyalkyleneoxide modified polydimethyl-siloxane	Grape, wine	1,599.93	231	7,613.68	A
polyalkyleneoxide modified polydimethyl-siloxane	Peach	0.26	1	1.0	A
polyalkyleneoxide modified polydimethyl-siloxane	Pear	0.26	1	1.0	A
poly(oxy-1,2-ethanediyl), alpha-isodecyl-omega-hydroxy-phosphate, potassium salt	Grape, wine	26.84	77	500.25	A
polyether modified polysiloxane	Grape, wine	1,690.04	610	7,146.97	A
polyethoxylated castor oil	Grape, wine	150.86	78	1,328.09	A
polyethylene glycol	Grape, wine	19.18	20	297.35	A
polyethylene glycol diacetate	Grape, wine	39.02	323	3,283.17	A
polyethylene glycol diacetate	Rights of way	0.02	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	Grape, wine	86.61	108	1,294.1	A
polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	N-grnhs flower	3.39	31	26.0	A
polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	N-outdr flower	0.65	6	5.5	A
polyethylene glycol stearate	Grape, wine	154.07	62	1,205.93	A
poly-i-para-menthene	Grape, wine	452.06	129	1,581.75	A
poly-i-para-menthene	Olive	2.14	1	4.1	A
polymerized acrylic acid	Grape, wine	5.38	4	70.0	A
polymerized pinene	Grape, wine	262.16	42	850.03	A
polymerized pinene	Landscape maintenance	30.04	N/A	N/A	N/A
polyoxin d, zinc salt	Grape, wine	463.35	974	11,128.09	A
polyoxin d, zinc salt	Landscape maintenance	7.03	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	14.75	76	1,094.09	A
poly(oxyethylene) (dimethylimino) ethylene (dimethylimino) ethylene dichloride	Industrial processing water	40.0	N/A	60,000.0	U
polyoxyethylene dioleate	Landscape maintenance	6.52	N/A	N/A	N/A
polyoxyethylene dioleate	Rights of way	18.01	N/A	N/A	N/A
polyoxyethylene dioleate	Water area	1.05	1	4.0	A
poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	N-grnhs flower	124.76	130	434.0	A
poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	N-grnhs flower	1.67	8	400,000.0	S
poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	N-outdr flower	0.16	3	3.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
polyoxyethylene sorbitol, mixed ether ester	Grape, wine	1.06	2	20.0	A
polyoxyethylene sorbitan monolaurate	Grape, wine	1,028.14	164	4,667.58	A
polyoxyethylene sorbitan monolaurate	N-grnhs flower	0.07	1	25,000.0	S
polyoxyethylene sorbitan monolaurate	Uncultivated ag	0.45	N/A	2.3	A
polyoxyethylene sorbitan monooleate	Landscape maintenance	1.86	N/A	N/A	N/A
polyoxyethylene sorbitan monooleate	Rights of way	41.37	N/A	N/A	N/A
polyoxyethylene sorbitan monooleate	Water area	0.3	1	4.0	A
polyoxyethylene sorbitan trioleate	Rights of way	238.47	N/A	N/A	N/A
polypropylene glycol	Grape, wine	0.1	12	21.0	A
polysaccharide polymer	Oat	0.69	16	1,875.0	A
potash soap	Cole crop	0.3	2	24,000.0	S
potash soap	Grape, wine	79.1	2	41.17	A
potash soap	Industrial hemp	82.91	546	588,009.0	S
potash soap	Landscape maintenance	2.8	N/A	N/A	N/A
potash soap	N-outdr plants in containers	5.85	1	9,000.0	S
potassium bicarbonate	Grape, wine	9,069.0	340	4,384.01	A
potassium bicarbonate	N-grnhs plants in containers	0.32	1	3,000.0	S
potassium bicarbonate	N-grnhs transplants	9.35	16	228,136.0	S
potassium bicarbonate	N-outdr plants in containers	17.48	8	74,500.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
potassium phosphite	Grape, wine	8.55	1	2.5	A
potassium phosphite	Industrial hemp	0.23	5	7,440.0	S
potassium phosphite	Landscape maintenance	6,820.89	N/A	N/A	N/A
potassium phosphite	N-grnhs flower	23.2	N/A	29.0	U
potassium phosphite	N-grnhs transplants	1.75	2	73,543.0	S
potassium phosphite	Structural pest control	3.52	N/A	N/A	N/A
potassium silicate	Grape, wine	350.52	14	125.2	A
prallethrin	Landscape maintenance	0.02	N/A	N/A	N/A
prallethrin	Structural pest control	5.06	N/A	N/A	N/A
prodiamine	Landscape maintenance	51.71	N/A	N/A	N/A
propamocarb hydrochloride	Landscape maintenance	0.48	N/A	N/A	N/A
propiconazole	Golf course turf	1.35	N/A	95,000.0	S
propiconazole	Grape, wine	2.13	1	12.0	A
propiconazole	Landscape maintenance	0.02	1	100.0	S
propiconazole	Landscape maintenance	119.98	N/A	N/A	N/A
propiconazole	N-outdr plants in containers	0.24	1	10.0	A
propionic acid	Grape, wine	66.85	92	449.59	A
propionic acid	Rangeland	2.65	1	7.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
propionic acid	Water area	6.11	13	8.0	A
propoxur	Structural pest control	<0.01	N/A	N/A	N/A
propylene glycol	Grape, wine	125.8	195	2,932.29	A
propylene glycol	Landscape maintenance	28.58	N/A	N/A	N/A
propylene glycol	N-grnhs flower	11.99	53	44.5	A
propylene glycol	N-grnhs flower	0.19	N/A	23.0	U
propylene glycol	N-outdr flower	1.43	6	5.5	A
propylene glycol, methyl ether	Grape, wine	0.62	2	15.2	A
pymetrozine	N-outdr plants in containers	1.95	25	125.0	A
pyraclostrobin	Grape, wine	2,010.03	860	15,693.83	A
pyraclostrobin	Landscape maintenance	25.95	N/A	N/A	N/A
pyraclostrobin	N-grnhs flower	5.62	17	17.0	A
pyraclostrobin	N-grnhs flower	7.56	20	900,000.0	S
pyraclostrobin	N-grnhs transplants	1.3	18	492,719.0	S
pyraclostrobin	N-outdr plants in containers	0.88	4	6.0	A
pyraclostrobin	N-outdr plants in containers	0.21	3	19,500.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
pyraclostrobin	N-outdr plants in containers	21.06	81	473,578.0	U
pyraclostrobin	N-outdr transplants	0.09	1	20,000.0	S
pyraclostrobin	Pumpkin	2.88	4	20.0	A
pyraflufen-ethyl	Grape, wine	5.64	196	2,082.84	A
pyrethrins	Apple	4.21	3	81.0	A
pyrethrins	Bean, unspecified	<0.01	1	400.0	S
pyrethrins	Fava bean	0.41	1	0.5	A
pyrethrins	Grape, wine	7.19	35	201.32	A
pyrethrins	Industrial hemp	0.05	8	48,544.0	S
pyrethrins	Industrial hemp	0.01	22	139.0	U
pyrethrins	Landscape maintenance	0.29	N/A	N/A	N/A
pyrethrins	N-grnhs transplants	0.31	13	105,988.0	S
pyrethrins	N-outdr plants in containers	0.64	31	160.0	A
pyrethrins	N-outdr plants in containers	0.48	7	66,000.0	S
pyrethrins	Olive	<0.01	1	0.15	A
pyrethrins	Olive	0.05	1	46,473.0	S
pyrethrins	Peach	0.03	2	1.0	A
pyrethrins	Public health	11.28	N/A	N/A	N/A
pyrethrins	Rye	0.11	1	8.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
pyrethrins	Structural pest control	41.03	N/A	N/A	N/A
pyrethrins	Triticale	0.11	1	8.0	A
pyrethrins	Vegetables, leafy	0.02	6	7,320.0	S
pyrethrins	Wheat	0.31	4	19.5	A
pyridalyl	N-grnhs flower	23.19	17	66.5	A
pyridalyl	N-grnhs flower	4.9	7	350,000.0	S
pyrimethanil	Grape, wine	2,371.11	654	8,613.48	A
pyriofenone	Grape, wine	775.19	583	8,871.63	A
pyriproxyfen	Landscape maintenance	0.34	N/A	N/A	N/A
pyriproxyfen	Structural pest control	4.12	N/A	N/A	N/A
pyroxsulam	Wheat	1.0	1	80.0	A
qst 713 strain of dried bacillus subtilis	Apple	0.07	1	0.5	A
qst 713 strain of dried bacillus subtilis	Arugula	0.02	17	8,920.0	S
qst 713 strain of dried bacillus subtilis	Basil, sweet	0.01	11	6,130.0	S
qst 713 strain of dried bacillus subtilis	Blueberry	0.06	2	1.5	A
qst 713 strain of dried bacillus subtilis	Broccoli	0.01	4	360.0	S
qst 713 strain of dried bacillus subtilis	Carrot	0.01	8	720.0	S
qst 713 strain of dried bacillus subtilis	Chinese amaranth (chinese spinach, tampala, yin choy)	0.01	9	1,340.0	S
qst 713 strain of dried bacillus subtilis	Cucumber	0.01	7	6,280.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
qst 713 strain of dried bacillus subtilis	Dandelion green	0.01	4	360.0	S
qst 713 strain of dried bacillus subtilis	Eggplant	0.02	12	9,180.0	S
qst 713 strain of dried bacillus subtilis	Grape, wine	3,173.41	1,207	10,077.7	A
qst 713 strain of dried bacillus subtilis	Industrial hemp	1.41	43	87,088.0	S
qst 713 strain of dried bacillus subtilis	Kale	0.03	17	10,680.0	S
qst 713 strain of dried bacillus subtilis	Lettuce, head	0.04	17	14,328.0	S
qst 713 strain of dried bacillus subtilis	Mustard	0.01	7	5,730.0	S
qst 713 strain of dried bacillus subtilis	N-grnhs transplants	0.36	9	129,000.0	S
qst 713 strain of dried bacillus subtilis	N-outdr flower	<0.01	6	500.0	S
qst 713 strain of dried bacillus subtilis	N-outdr plants in containers	1.45	13	60.0	A
qst 713 strain of dried bacillus subtilis	N-outdr plants in containers	0.28	3	27,500.0	S
qst 713 strain of dried bacillus subtilis	Parsley	0.02	17	6,640.0	S
qst 713 strain of dried bacillus subtilis	Peach	5.86	9	22.0	A
qst 713 strain of dried bacillus subtilis	Pear	0.23	2	1.5	A
qst 713 strain of dried bacillus subtilis	Pepper, fruiting	0.02	13	10,880.0	S
qst 713 strain of dried bacillus subtilis	Radish	0.01	5	1,040.0	S
qst 713 strain of dried bacillus subtilis	Squash	0.01	11	6,280.0	S
qst 713 strain of dried bacillus subtilis	Tomato	0.04	13	15,080.0	S
quillaja	Apple	0.02	2	4.0	A
quillaja	Grape, wine	210.35	1,954	28,846.35	A
quillaja	Landscape maintenance	4.21	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
quillaja	Olive	0.03	4	1.08	A
quinclorac	Landscape maintenance	0.46	N/A	N/A	N/A
quinclorac, dimethylamine salt	Landscape maintenance	18.98	N/A	N/A	N/A
quinoxifen	Grape, wine	4,882.84	3,582	51,890.38	A
quinoxifen	Pumpkin	0.92	1	11.5	A
resmethrin	Public health	0.04	N/A	N/A	N/A
reynoutria sachalinensis	Grape, wine	573.43	551	2,785.33	A
reynoutria sachalinensis	Industrial hemp	8.3	105	224,697.0	S
reynoutria sachalinensis	Industrial hemp	0.02	4	124.0	U
rimsulfuron	Grape, wine	142.52	236	3,302.59	A
rimsulfuron	Rights of way	1.28	N/A	N/A	N/A
rimsulfuron	Uncultivated ag	0.96	N/A	24.45	A
sethoxydim	Apple	0.19	1	2.0	A
sethoxydim	Grape, wine	38.51	40	208.61	A
sethoxydim	Rights of way	0.27	N/A	N/A	N/A
sethoxydim	Uncultivated ag	0.37	2	3.0	A
silica aerogel	Public health	46.24	N/A	N/A	N/A
silica aerogel	Structural pest control	15.77	N/A	N/A	N/A
silicone	Grape, wine	53.49	549	3,015.47	A
silicone defoamer	Landscape maintenance	<0.01	N/A	N/A	N/A
silicone defoamer	N-outdr plants in containers	0.46	41	139.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
silica filled polydimethylsiloxane	Grape, wine	1.17	175	4,875.45	A
silica filled polydimethylsiloxane	Uncultivated ag	<0.01	N/A	2.3	A
simazine	Apple	3.0	1	2.0	A
simazine	Grape, wine	1,031.08	48	402.78	A
simazine	Uncultivated ag	3.0	1	2.0	A
sodium bisulfate	Grape, wine	117.28	22	338.91	A
sodium bromide	Water (industrial)	265.37	N/A	10.0	A
sodium cacodylate	Grape, wine	0.29	1	22.0	A
sodium carbonate	Industrial hemp	<0.01	1	400.0	S
sodium carbonate peroxyhydrate	Industrial hemp	0.19	3	400.0	S
sodium carbonate peroxyhydrate	Industrial hemp	<0.01	8	11.0	U
sodium carbonate peroxyhydrate	Water (industrial)	307.7	N/A	24.25	A
sodium carbonate peroxyhydrate	Water area	595.0	N/A	1.5	A
sodium decyl sulfate	Structural pest control	3.71	N/A	N/A	N/A
sodium diisooctylsulfosuccinate	Grape, wine	0.02	2	8.0	A
sodium dimethyl dithio carbamate	Water (industrial)	384.03	N/A	1.0	A
sodium hydroxide	Grape, wine	1.22	1	22.05	A
sodium hypochlorite	Grape, wine	39.9	48	430.88	A
sodium hypochlorite	Water (industrial)	189.19	N/A	11.0	A
sodium lauroampho acetate	Structural pest control	2.8	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
sodium lauryl sulfate	Structural pest control	1.89	N/A	N/A	N/A
sodium nitrate	Landscape maintenance	4.67	N/A	N/A	N/A
sodium alpha-olefin (c14-c16) sulfonate	Rights of way	52.39	N/A	N/A	N/A
sodium polyacrylate	Grape, wine	5.72	162	1,685.58	A
sodium xylene sulfonate	Grape, wine	0.1	2	8.0	A
sodium xylene sulfonate	Landscape maintenance	0.04	N/A	N/A	N/A
sodium xylene sulfonate	N-outdr plants in containers	5.44	41	139.0	A
soybean oil	Industrial hemp	24.17	541	585,933.0	S
soybean oil	N-grnhs flower	0.29	1	1.5	A
spinetoram	Apple	10.72	7	98.0	A
spinetoram	Grape, wine	0.92	2	11.5	A
spinetoram	Peach	0.05	1	1.0	A
spinosad	Apple	88.27	53	310.2	A
spinosad	Grape, wine	1.06	20	83.41	A
spinosad	Industrial hemp	0.04	20	39,950.0	S
spinosad	Landscape maintenance	144.91	N/A	N/A	N/A
spinosad	N-grnhs flower	19.23	38	128.0	A
spinosad	N-grnhs transplants	0.88	15	392,179.0	S
spinosad	N-outdr plants in containers	5.93	84	349.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
spinosad	N-outdr plants in containers	<0.01	1	600.0	S
spinosad	Olive	0.63	130	1,966.7	A
spinosad	Olive	0.02	7	4,550.0	U
spinosad	Pear	1.57	2	18.0	A
spinosad	Public health	0.41	N/A	N/A	N/A
spiromesifen	N-grnhs plants in containers	0.19	2	0.06	A
spirotetramat	Grape, wine	1,562.91	828	13,688.07	A
spirotetramat	Grape, wine	0.13	1	44,550.0	S
spirotetramat	N-grnhs flower	4.64	16	54.0	A
spirotetramat	N-grnhs transplants	0.28	3	78,192.0	S
spirotetramat	N-outdr plants in containers	0.06	1	2,700.0	S
spirotetramat	N-outdr plants in containers	0.23	1	7,500.0	U
starch	Grape, wine	0.04	28	498.7	A
starch	N-grnhs flower	0.02	31	26.0	A
starch	N-outdr flower	<0.01	6	5.5	A
streptomyces lydicus wyec 108	Industrial hemp	0.01	81	138,080.0	S
streptomycin sulfate	N-grnhs transplants	1.75	4	39,600.0	S
streptomycin sulfate	Pear	10.75	4	36.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
strychnine	Apple	0.01	1	5.0	A
strychnine	Grape, wine	7.57	37	739.31	A
strychnine	Landscape maintenance	0.01	N/A	N/A	N/A
strychnine	Structural pest control	0.02	N/A	N/A	N/A
styrene butadiene copolymer	Grape, wine	121.14	120	2,177.99	A
styrene butadiene copolymer	N-grnhs flower	16.23	53	44.5	A
styrene butadiene copolymer	N-outdr flower	1.94	6	5.5	A
sulfentrazone	Landscape maintenance	0.66	N/A	N/A	N/A
sulfentrazone	Rights of way	1.48	N/A	N/A	N/A
sulfometuron-methyl	Landscape maintenance	3.19	N/A	N/A	N/A
sulfometuron-methyl	Rights of way	10.03	N/A	N/A	N/A
sulfur	Apple	10,032.61	200	1,344.09	A
sulfur	Grape, wine	1,754,561.65	16,077	256,759.5	A
sulfur	Industrial hemp	0.41	5	2,082.0	S
sulfur	Landscape maintenance	8.91	N/A	N/A	N/A
sulfur	Lemon	0.05	1	7.0	U
sulfur	N-outdr flower	<0.01	1	200.0	S
sulfur	Peach	84.0	4	12.5	A
sulfur	Rights of way	68.6	1	7.0	A
sulfur dioxide	Commodity fumigation	242.13	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
sulfur dioxide	Fumigation, other	142.2	7	7.0	U
sulfur dioxide	Fumigation, other	13,393.85	N/A	N/A	N/A
sulfur dioxide	Grape, wine	46.61	2	14.4	A
sulfur dioxide	Grape, wine	2.97	N/A	300.0	P
sulfur dioxide	Grape, wine	0.25	N/A	25.0	U
sulfur dioxide	Regulatory pest control	12.4	N/A	N/A	N/A
sulfuryl fluoride	Structural pest control	32,653.99	N/A	N/A	N/A
tall oil	Grape, wine	71.76	240	4,271.9	A
tall oil	Landscape maintenance	0.06	N/A	N/A	N/A
tall oil fatty acids	Grape, wine	160.04	476	7,623.82	A
tall oil fatty acids	Landscape maintenance	4.4	N/A	N/A	N/A
tall oil fatty acids	Pepper, fruiting	0.91	2	40.0	A
tartrazine	Water area	0.19	1	1.0	A
tebuconazole	Grape, wine	2,548.42	1,968	25,390.61	A
tebuconazole	Landscape maintenance	13.57	N/A	N/A	N/A
tebuconazole	N-grnhs plants in containers	0.01	3	240.0	S
tetraconazole	Grape, wine	524.87	962	14,908.64	A
tetraconazole	N-grnhs transplants	0.1	3	179,307.0	S
z,e-9,12-tetradecadien-1-yl acetate	Structural pest control	0.05	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
tetramethrin	Structural pest control	0.04	N/A	N/A	N/A
alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	Grape, wine	1.52	2	8.25	A
alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	Landscape maintenance	0.17	N/A	N/A	N/A
alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	N-outdr plants in containers	20.71	41	139.0	A
tetrapotassium pyrophosphate	Landscape maintenance	0.02	N/A	N/A	N/A
tetrapotassium pyrophosphate	N-outdr plants in containers	2.72	41	139.0	A
thiamethoxam	Grape, wine	189.43	140	1,794.56	A
thiamethoxam	Landscape maintenance	0.27	N/A	N/A	N/A
thiamethoxam	Structural pest control	0.31	N/A	N/A	N/A
thiencarbazone-methyl	Rights of way	0.02	N/A	N/A	N/A
thiophanate-methyl	Apple	19.59	5	46.5	A
thiophanate-methyl	Grape, wine	1,510.14	255	3,304.52	A
thiophanate-methyl	Landscape maintenance	174.59	N/A	N/A	N/A
thiophanate-methyl	N-grnhs plants in containers	0.01	24	552.0	S
thiophanate-methyl	N-grnhs transplants	13.68	15	170,100.0	S
thiophanate-methyl	N-outdr transplants	8.27	11	154,500.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
thiophanate-methyl	Structural pest control	0.16	N/A	N/A	N/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
triadimefon	Landscape maintenance	34.17	N/A	N/A	N/A
trichoderma harzianum rifai strain krl-ag2	Industrial hemp	0.02	11	9,680.0	S
trichoderma virens strain g-41	Industrial hemp	0.01	11	9,680.0	S
triclopyr, butoxyethyl ester	Forest, timberland	411.1	4	281.0	A
triclopyr, butoxyethyl ester	Landscape maintenance	467.39	N/A	N/A	N/A
triclopyr, butoxyethyl ester	Pastureland	5.92	1	4.0	A
triclopyr, butoxyethyl ester	Rangeland	43.45	9	406.0	A
triclopyr, butoxyethyl ester	Rights of way	48.04	N/A	N/A	N/A
triclopyr, butoxyethyl ester	Structural pest control	11.03	N/A	N/A	N/A
triclopyr, butoxyethyl ester	Uncultivated non-ag	1.11	2	2.0	A
triclopyr choline	Landscape maintenance	11.16	N/A	N/A	N/A
triclopyr choline	Uncultivated non-ag	12.56	3	30.0	A
triclopyr, triethylamine salt	Forest, timberland	16.54	1	120.0	A
triclopyr, triethylamine salt	Landscape maintenance	220.58	N/A	N/A	N/A
triclopyr, triethylamine salt	Rangeland	3.45	1	7.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
triclopyr, triethylamine salt	Rights of way	1,693.03	N/A	N/A	N/A
triclopyr, triethylamine salt	Uncultivated non-ag	14.52	5	13.5	A
triclopyr, triethylamine salt	Water area	4.22	2	3.0	A
triethanolamine	Landscape maintenance	0.06	N/A	N/A	N/A
triethanolamine	N-outdr plants in containers	6.93	41	139.0	A
trifloxystrobin	Apple	7.34	3	90.0	A
trifloxystrobin	Grape, wine	1,370.26	1,023	14,568.87	A
trifloxystrobin	Landscape maintenance	11.33	N/A	N/A	N/A
triflumizole	Grape, wine	2,338.25	636	11,861.21	A
trifluralin	Grape, wine	0.2	1	2.0	A
trifluralin	Landscape maintenance	8.2	N/A	N/A	N/A
trifluralin	N-outdr plants in containers	5.0	1	2.0	A
trifluralin	Uncultivated non-ag	0.5	1	0.5	A
alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	Grape, wine	186.32	191	2,866.29	A
alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	N-grnhs flower	7.0	53	44.5	A
alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	N-outdr flower	0.8	6	5.5	A
alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	Pepper, fruiting	3.87	1	20.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
trinexapac-ethyl	Landscape maintenance	116.62	N/A	N/A	N/A
triticonazole	Landscape maintenance	41.19	N/A	N/A	N/A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Forest, timberland	18.02	4	281.0	A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Grape, wine	385.1	99	2,820.4	A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Landscape maintenance	66.47	N/A	N/A	N/A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	N-outdr plants in containers	9.39	14	25.0	A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Rights of way	11.42	N/A	N/A	N/A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Water (industrial)	3.33	N/A	63.0	A
urea	Grape, wine	22.51	2	234.0	A
vinyl polymer	Grape, wine	0.4	3	46.12	A
warfarin	Structural pest control	<0.01	N/A	N/A	N/A
xylene range aromatic solvent	Grape, wine	1.65	1	13.0	A
yucca schidigera	Grape, wine	3.81	7	92.31	A
zinc naphthenate	Grape, wine	1.58	1	6.0	A
zinc phosphide	Grape, wine	28.99	4	181.17	A
zinc phosphide	Landscape maintenance	1.33	N/A	N/A	N/A
zinc phosphide	Structural pest control	1.07	N/A	N/A	N/A