

2019 Annual Statewide Pesticide Use Report Indexed by Chemical ALAMEDA 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	Almond	17.01	5	802.38	A
abamectin	Grape, wine	37.16	246	1,862.02	A
abamectin	Landscape maintenance	0.1	N/A	N/A	N/A
abamectin	Regulatory pest control	<0.01	N/A	N/A	N/A
abamectin	Research commodity	0.02	N/A	N/A	N/A
abamectin	Strawberry	0.04	1	4.5	A
abamectin	Structural pest control	0.08	N/A	N/A	N/A
abamectin, other related	Structural pest control	<0.01	N/A	N/A	N/A
acephate	Landscape maintenance	10.5	N/A	N/A	N/A
acephate	N-outdr plants in containers	0.9	1	1.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
acephate	Regulatory pest control	0.13	N/A	N/A	N/A
acephate	Structural pest control	146.47	N/A	N/A	N/A
acequinocyl	Regulatory pest control	0.04	N/A	N/A	N/A
acequinocyl	Research commodity	0.01	N/A	N/A	N/A
acetamiprid	Landscape maintenance	0.22	N/A	N/A	N/A
acetamiprid	Structural pest control	2.63	N/A	N/A	N/A
acetic acid	Landscape maintenance	8.66	N/A	N/A	N/A
acibenzolar-s-methyl	Golf course turf	0.1	N/A	12.0	A
acibenzolar-s-methyl	Landscape maintenance	10.95	N/A	N/A	N/A
acrylic acid	Almond	122.83	4	758.38	A
acrylic acid	Grape, wine	0.86	6	16.8	A
acrylic acid	Pistachio	5.55	2	128.0	A
alcohols, c12-c14, aliphatic	Rights of way	251.49	N/A	N/A	N/A
alkyl (50%c14, 40%c12, 10%c16) dimethylbenzyl ammonium chloride	Structural pest control	4.15	N/A	N/A	N/A
alkyl (60%c14, 30%c16, 5%c12, 5%c18) dimethylbenzyl ammonium chloride	Landscape maintenance	0.02	N/A	N/A	N/A
alkyl (60%c14, 30%c16, 5%c12, 5%c18) dimethylbenzyl ammonium chloride	Regulatory pest control	1.24	N/A	N/A	N/A
alkyl (60%c14, 30%c16, 5%c12, 5%c18) dimethylbenzyl ammonium chloride	Structural pest control	<0.01	N/A	N/A	N/A
alkyl (68%c12, 32%c14) dimethylethylbenzyl ammonium chloride	Landscape maintenance	0.02	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
alkyl (68% c12 , 32% c14) dimethylethylbenzyl ammonium chloride	Regulatory pest control	1.24	N/A	N/A	N/A
alkyl (68% c12 , 32% c14) dimethylethylbenzyl ammonium chloride	Structural pest control	<0.01	N/A	N/A	N/A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Broccoli	0.04	1	1.0	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Cabbage	0.14	2	2.0	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Cauliflower	0.14	2	6.0	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Grape, wine	19.36	11	173.0	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Lettuce, leaf	0.45	10	22.4	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Olive	3.63	3	21.47	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Rights of way	17.25	N/A	N/A	N/A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Vegetables, leafy	0.04	1	1.0	A
alpha-alkyl (c9-c16)-omega-hydroxypoly(oxyethylene)	Almond	85.64	3	608.38	A
alpha-alkyl (c9-c16)-omega-hydroxypoly(oxyethylene)	Rights of way	146.29	N/A	N/A	N/A
alpha-alkyl (c10-c14)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	81.07	N/A	N/A	N/A
alpha-alkyl (c12-c16)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	10.07	N/A	N/A	N/A
alpha-pinene beta-pinene copolymer	Grape, wine	0.34	1	2.0	A
alpha-pinene beta-pinene copolymer	Olive	53.19	1	72.0	A
alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	8.33	N/A	N/A	N/A
alkyl (c9-c11) oligomeric d-glucopyranoside	Rights of way	718.55	N/A	N/A	N/A
alkyl (c8,c10) polyglucoside	Grape, wine	23.61	1	40.0	A
alkyl (c8,c10) polyglucoside	Landscape maintenance	7.31	N/A	N/A	N/A
alkyl (c8,c10) polyglucoside	Structural pest control	0.38	N/A	N/A	N/A
d-allethrin	Structural pest control	<0.01	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
d-trans allethrin	Landscape maintenance	<0.01	N/A	N/A	N/A
d-trans allethrin	Public health	0.01	N/A	N/A	N/A
d-trans allethrin	Regulatory pest control	<0.01	N/A	N/A	N/A
d-trans allethrin	Structural pest control	0.21	N/A	N/A	N/A
allyloxypolyethylene glycol acetate	Rights of way	0.11	N/A	N/A	N/A
aluminum phosphide	Almond	2.37	N/A	51,300.0	C
aluminum phosphide	Cotton	35.52	N/A	252,900.0	C
aluminum phosphide	Fumigation, other	1.92	N/A	N/A	N/A
aluminum phosphide	Grape, wine	1.98	1	7.0	A
aluminum phosphide	Landscape maintenance	53.51	N/A	N/A	N/A
aluminum phosphide	N-outdr flower	0.2	1	24.0	A
aluminum phosphide	Rice	0.34	N/A	7,800.0	C
aluminum phosphide	Vertebrate control	80.75	N/A	N/A	N/A
aminocyclopyrachlor, potassium salt	Landscape maintenance	1.8	N/A	N/A	N/A
aminocyclopyrachlor, potassium salt	Rights of way	25.44	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Landscape maintenance	84.74	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Pastureland	1.05	7	216,500.0	S
aminopyralid, triisopropanolamine salt	Regulatory pest control	35.46	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Rights of way	2,395.26	N/A	N/A	N/A
4-aminopyridine	Structural pest control	0.12	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
ammonium nonanoate	Landscape maintenance	96.48	N/A	N/A	N/A
ammonium nonanoate	Rights of way	25.04	N/A	N/A	N/A
ammonium nitrate	Grape, wine	1.09	1	75.0	A
ammonium nitrate	Landscape maintenance	3.13	N/A	N/A	N/A
ammonium nitrate	Olive	0.47	3	21.47	A
ammonium nitrate	Rights of way	0.58	N/A	N/A	N/A
ammonium nitrate	Structural pest control	0.7	N/A	N/A	N/A
ammonium propionate	Rights of way	6.6	N/A	N/A	N/A
ammonium sulfate	Alfalfa	34.38	2	340.0	A
ammonium sulfate	Almond	678.2	5	995.22	A
ammonium sulfate	Grape, wine	86.78	2	115.0	A
ammonium sulfate	Landscape maintenance	6.27	N/A	N/A	N/A
ammonium sulfate	Olive	11.59	3	21.47	A
ammonium sulfate	Rights of way	41.42	N/A	N/A	N/A
ammonium sulfate	Structural pest control	0.7	N/A	N/A	N/A
aspergillus flavus strain af36	Pistachio	0.01	1	120.0	A
azadirachtin	Industrial hemp	8.21	192	634,610.0	S
azadirachtin	Industrial hemp	0.12	15	10,110.0	U
azadirachtin	Landscape maintenance	0.11	N/A	N/A	N/A
azadirachtin	Regulatory pest control	0.05	N/A	N/A	N/A
azadirachtin	Structural pest control	0.01	N/A	N/A	N/A
azoxystrobin	Almond	254.46	6	1,338.38	A
azoxystrobin	Golf course turf	6.34	N/A	17.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
azoxystrobin	Golf course turf	0.14	N/A	11,000.0	S
azoxystrobin	Grape, wine	4.64	1	4.5	A
azoxystrobin	Landscape maintenance	61.02	N/A	N/A	N/A
azoxystrobin	Regulatory pest control	0.01	N/A	N/A	N/A
bacillus firmus (strain i-1582)	Landscape maintenance	12.25	N/A	N/A	N/A
bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins	Public health	141.68	N/A	N/A	N/A
bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	Landscape maintenance	0.02	N/A	N/A	N/A
bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	Public health	95.66	N/A	N/A	N/A
bacillus thuringiensis, subsp. israelensis, strain am 65-52	Industrial hemp	94.93	12	90,768.0	S
bacillus thuringiensis, subsp. israelensis, strain am 65-52	Industrial hemp	0.75	1	2,000.0	U
bacillus thuringiensis, subsp. israelensis, strain am 65-52	N-grnhs plants in containers	1.05	6	936.0	S
bacillus thuringiensis, subsp. israelensis, strain am 65-52	Public health	382.09	N/A	N/A	N/A
bacillus thuringiensis, subsp. israelensis, strain am 65-52	Research commodity	3.56	N/A	N/A	N/A
bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	Broccoli	0.27	1	1.0	A
bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	Cabbage	1.08	2	2.0	A
bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	Cauliflower	2.19	5	16.0	A
bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	Landscape maintenance	49.92	N/A	N/A	N/A
bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	Lettuce, leaf	2.7	9	18.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	N-outdr plants in containers	0.27	1	1.0	A
bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	N-outdr plants in containers	0.04	2	200.0	S
beauveria bassiana strain gha	Industrial hemp	103.77	159	682,256.0	S
beauveria bassiana strain gha	Industrial hemp	4.34	13	20,150.0	U
benefin	Landscape maintenance	3.58	N/A	N/A	N/A
bensulide	Landscape maintenance	25.8	N/A	N/A	N/A
benzoic acid	Grape, wine	2.18	39	470.55	A
benzoic acid	Olive	0.12	3	21.47	A
benzoic acid	Pastureland	0.57	1	100.0	A
benzoic acid	Rights of way	0.1	N/A	N/A	N/A
bifenazate	Landscape maintenance	2.01	N/A	N/A	N/A
bifenazate	N-outdr plants in containers	0.09	1	1.0	A
bifenazate	Regulatory pest control	0.01	N/A	N/A	N/A
bifenazate	Research commodity	0.07	N/A	N/A	N/A
bifenazate	Structural pest control	0.13	N/A	N/A	N/A
bifenthrin	Almond	150.32	4	758.38	A
bifenthrin	Landscape maintenance	48.74	N/A	N/A	N/A
bifenthrin	Pistachio	25.6	2	128.0	A
bifenthrin	Structural pest control	1,349.01	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	Almond	3.07	2	254.44	A
n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	Grape, wine	0.14	7	75.67	A
n,n-bis-(2-(omega-hydroxypoly(oxyethylene)/poly(oxypropylene))ethyl)alkyl (c8-c18) amine	Landscape maintenance	4.07	N/A	N/A	N/A
bispyribac-sodium	Landscape maintenance	0.35	N/A	N/A	N/A
borax	Landscape maintenance	0.11	N/A	N/A	N/A
borax	Rights of way	2.18	N/A	N/A	N/A
borax	Structural pest control	16.5	N/A	N/A	N/A
boric acid	Landscape maintenance	<0.01	N/A	N/A	N/A
boric acid	Regulatory pest control	0.01	N/A	N/A	N/A
boric acid	Structural pest control	10,565.81	N/A	N/A	N/A
boscalid	Grape, wine	348.07	285	1,719.01	A
boscalid	Landscape maintenance	0.02	N/A	N/A	N/A
boscalid	N-outdr plants in containers	0.1	2	2.0	A
boscalid	Pistachio	47.88	3	248.0	A
brodifacoum	Landscape maintenance	<0.01	N/A	N/A	N/A
brodifacoum	Public health	<0.01	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
brodifacoum	Structural pest control	0.07	N/A	N/A	N/A
bromacil	Grape, wine	0.79	2	40.0	A
bromacil	Landscape maintenance	2.64	N/A	N/A	N/A
bromacil	Rights of way	417.03	N/A	N/A	N/A
bromadiolone	Landscape maintenance	0.01	N/A	N/A	N/A
bromadiolone	Public health	0.06	N/A	N/A	N/A
bromadiolone	Structural pest control	0.94	N/A	N/A	N/A
bromadiolone	Vertebrate control	0.01	N/A	N/A	N/A
bromethalin	Landscape maintenance	0.04	N/A	N/A	N/A
bromethalin	Public health	<0.01	N/A	N/A	N/A
bromethalin	Regulatory pest control	0.02	N/A	N/A	N/A
bromethalin	Structural pest control	0.1	N/A	N/A	N/A
bromethalin	Vertebrate control	<0.01	N/A	N/A	N/A
bromine chloride	Water (industrial)	3.63	N/A	36.0	U
1-bromo-3-chloro-5,5-dimethyl hydantoin	Water (industrial)	325.49	N/A	6.0	A
1-bromo-3-chloro-5,5-dimethyl hydantoin	Water (industrial)	295.44	N/A	51.0	U
buprofezin	Regulatory pest control	0.27	N/A	N/A	N/A
burkholderia sp strain a396 cells and fermentation media	Industrial hemp	664.42	93	477,399.0	S
burkholderia sp strain a396 cells and fermentation media	Industrial hemp	17.71	10	25,260.0	U

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
burkholderia sp strain a396 cells and fermentation media	N-grnhs plants in containers	0.14	1	160.0	S
2-butoxyethanol	Rights of way	646.69	N/A	N/A	N/A
butyl alcohol	Grape, wine	0.26	5	7.5	A
butyl alcohol	Landscape maintenance	0.34	N/A	N/A	N/A
butyl alcohol	Olive	0.66	3	21.47	A
butyl alcohol	Pastureland	1.03	1	100.0	A
calcium chloride	Alfalfa	9.72	3	520.0	A
calcium chloride	Grape, wine	0.9	8	27.0	A
calcium hypochlorite	Landscape maintenance	2,509.88	N/A	N/A	N/A
canola oil	Industrial hemp	0.06	2	2,488.0	S
capric acid	Landscape maintenance	38.35	N/A	N/A	N/A
caprylic acid	Landscape maintenance	56.33	N/A	N/A	N/A
capsicum oleoresin	Industrial hemp	0.01	2	2,488.0	S
capsicum oleoresin	Structural pest control	<0.01	N/A	N/A	N/A
carbaryl	Landscape maintenance	0.11	N/A	N/A	N/A
carbo methoxy ether cellulose, sodium salt	Industrial hemp	0.43	61	136,870.0	S
carbon	Landscape maintenance	3.88	N/A	N/A	N/A
carbon	Structural pest control	1.66	N/A	N/A	N/A
carbon	Vertebrate control	27.73	N/A	N/A	N/A
carfentrazone-ethyl	Golf course turf	3.66	N/A	80.23	A
carfentrazone-ethyl	Golf course turf	0.01	N/A	14,000.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
carfentrazone-ethyl	Grape, wine	23.13	248	1,426.59	A
carfentrazone-ethyl	Landscape maintenance	15.97	N/A	N/A	N/A
carfentrazone-ethyl	Pastureland	1.46	1	100.0	A
carfentrazone-ethyl	Rights of way	0.27	N/A	N/A	N/A
carfentrazone-ethyl	Structural pest control	0.01	N/A	N/A	N/A
castor oil ethoxylate	Grape, wine	11.18	34	369.22	A
chenopodium ambrosioides near ambrosioides	Grape, wine	1.32	2	7.95	A
chlorantraniliprole	Almond	66.04	5	802.38	A
chlorantraniliprole	Golf course turf	18.08	N/A	128.0	A
chlorantraniliprole	Grape, wine	61.39	38	551.7	A
chlorantraniliprole	Landscape maintenance	13.95	N/A	N/A	N/A
chlorantraniliprole	Structural pest control	94.61	N/A	N/A	N/A
chlorfenapyr	Regulatory pest control	0.16	N/A	N/A	N/A
chlorfenapyr	Research commodity	0.09	N/A	N/A	N/A
chlorfenapyr	Structural pest control	310.13	N/A	N/A	N/A
chlorflurenol, methyl ester	Landscape maintenance	4.48	N/A	N/A	N/A
chlorine dioxide	Structural pest control	<0.01	N/A	N/A	N/A
5-chloro-2-methyl-4-isothiazolin-3-one	Water (industrial)	1.31	N/A	2.0	A
5-chloro-2-methyl-4-isothiazolin-3-one	Water (industrial)	53.21	N/A	216.0	U
chlorophacinone	Landscape maintenance	0.03	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
chlorophacinone	Rights of way	<0.01	N/A	N/A	N/A
chlorophacinone	Structural pest control	<0.01	N/A	N/A	N/A
chloropicrin	Structural pest control	37.17	N/A	N/A	N/A
chlorothalonil	Almond	585.46	2	194.0	A
chlorothalonil	Golf course turf	580.3	N/A	79.7	A
chlorothalonil	Landscape maintenance	5,815.33	N/A	N/A	N/A
chlorothalonil	N-outdr plants in containers	1.8	1	1.0	A
chlorpyrifos	Landscape maintenance	0.02	N/A	N/A	N/A
chlorpyrifos	Structural pest control	0.01	N/A	N/A	N/A
chlorsulfuron	Landscape maintenance	9.98	N/A	N/A	N/A
chlorsulfuron	Rights of way	23.78	N/A	N/A	N/A
cholecalciferol	Landscape maintenance	0.01	N/A	N/A	N/A
cholecalciferol	Regulatory pest control	<0.01	N/A	N/A	N/A
cholecalciferol	Structural pest control	1.08	N/A	N/A	N/A
chromobacterium subtsugae strain praa4-1	Industrial hemp	31.17	63	245,740.0	S
chromobacterium subtsugae strain praa4-1	Industrial hemp	3.8	4	17,000.0	U
citric acid	Alfalfa	30.38	5	860.0	A
citric acid	Almond	1.07	1	17.6	A
citric acid	Grape, wine	2.38	8	27.0	A
citric acid	Landscape maintenance	22.06	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
citric acid	Rights of way	4.73	N/A	N/A	N/A
clarified hydrophobic extract of neem oil	Industrial hemp	42.15	62	197,630.0	S
clarified hydrophobic extract of neem oil	Landscape maintenance	2.12	N/A	N/A	N/A
clarified hydrophobic extract of neem oil	Research commodity	0.72	N/A	N/A	N/A
clethodim	Landscape maintenance	1.13	N/A	N/A	N/A
clethodim	Rights of way	0.92	N/A	N/A	N/A
clofentezine	Almond	11.43	1	44.0	A
clopyralid, monoethanolamine salt	Golf course turf	7.93	N/A	36.0	A
clopyralid, monoethanolamine salt	Landscape maintenance	16.32	N/A	N/A	N/A
clopyralid, monoethanolamine salt	Pastureland	24.72	1	100.0	A
clopyralid, monoethanolamine salt	Rights of way	2.97	N/A	N/A	N/A
clopyralid, triethylamine salt	Landscape maintenance	11.69	N/A	N/A	N/A
clothianidin	Landscape maintenance	2.72	N/A	N/A	N/A
clothianidin	Regulatory pest control	<0.01	N/A	N/A	N/A
clothianidin	Structural pest control	7.01	N/A	N/A	N/A
coconut diethanolamide	Grape, wine	0.01	6	0.9	A
coconut diethanolamide	Landscape maintenance	1.82	N/A	N/A	N/A
coconut diethanolamide	Rights of way	0.04	N/A	N/A	N/A
copper	Water area	2.47	N/A	0.2	A
copper diammonium diacetate complex	Landscape maintenance	9.16	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
copper ethanolamine complexes, mixed	Landscape maintenance	361.66	N/A	N/A	N/A
copper ethanolamine complexes, mixed	Water area	69.07	N/A	12.7	A
copper ethylenediamine complex	Landscape maintenance	13.41	N/A	N/A	N/A
copper ethylenediamine complex	Water area	10.06	N/A	10.0	A
copper hydroxide	Grape, wine	730.47	100	1,394.11	A
copper hydroxide	Landscape maintenance	2.84	N/A	N/A	N/A
copper hydroxide	N-outdr plants in containers	8.92	7	7.0	A
copper hydroxide	Olive	199.15	1	72.0	A
copper hydroxide	Rights of way	0.16	N/A	N/A	N/A
copper naphthenate	Structural pest control	0.5	N/A	N/A	N/A
copper octanoate	Landscape maintenance	<0.01	N/A	N/A	N/A
copper octanoate	N-outdr plants in containers	0.88	1	1.0	A
copper octanoate	Regulatory pest control	0.35	N/A	N/A	N/A
copper octanoate	Research commodity	0.02	N/A	N/A	N/A
copper octanoate	Structural pest control	<0.01	N/A	N/A	N/A
copper oxychloride	Grape, wine	173.2	12	348.5	A
copper oxychloride	Landscape maintenance	2.26	N/A	N/A	N/A
copper sulfate (pentahydrate)	Landscape maintenance	65.04	N/A	N/A	N/A
copper triethanolamine complex	Landscape maintenance	15.14	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
copper triethanolamine complex	Water area	11.36	N/A	10.0	A
coyote urine	Landscape maintenance	0.05	N/A	N/A	N/A
cyantraniliprole	Landscape maintenance	0.12	N/A	N/A	N/A
cyantraniliprole	Structural pest control	<0.01	N/A	N/A	N/A
cyazofamid	Landscape maintenance	0.93	N/A	N/A	N/A
cyflufenamid	Grape, wine	9.02	10	392.0	A
cyflumetofen	Grape, wine	33.15	29	181.7	A
cyflumetofen	Regulatory pest control	0.09	N/A	N/A	N/A
cyflumetofen	Structural pest control	0.06	N/A	N/A	N/A
cyfluthrin	Landscape maintenance	<0.01	N/A	N/A	N/A
cyfluthrin	Regulatory pest control	<0.01	N/A	N/A	N/A
cyfluthrin	Research commodity	0.07	N/A	N/A	N/A
cyfluthrin	Structural pest control	104.83	N/A	N/A	N/A
beta-cyfluthrin	Landscape maintenance	1.19	N/A	N/A	N/A
beta-cyfluthrin	Rights of way	0.17	N/A	N/A	N/A
beta-cyfluthrin	Structural pest control	115.07	N/A	N/A	N/A
cypermethrin	Structural pest control	10.7	N/A	N/A	N/A
(s)-cypermethrin	Structural pest control	1.66	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
cyprodinil	Almond	35.16	1	150.0	A
cyprodinil	Grape, wine	603.13	263	1,999.54	A
2,4-d	Landscape maintenance	1.91	N/A	N/A	N/A
2,4-d, diethanolamine salt	Landscape maintenance	4.1	N/A	N/A	N/A
2,4-d, dimethylamine salt	Landscape maintenance	60.24	N/A	N/A	N/A
2,4-d, dimethylamine salt	Pastureland	112.53	1	100.0	A
2,4-d, dimethylamine salt	Rights of way	52.01	N/A	N/A	N/A
2,4-d, dimethylamine salt	Water area	22.69	N/A	5.0	A
2,4-d, 2-ethylhexyl ester	Golf course turf	16.56	N/A	34.23	A
2,4-d, 2-ethylhexyl ester	Golf course turf	0.17	N/A	14,000.0	S
2,4-d, 2-ethylhexyl ester	Landscape maintenance	238.39	N/A	N/A	N/A
2,4-d, 2-ethylhexyl ester	Rights of way	11.48	N/A	N/A	N/A
2,4-d, 2-ethylhexyl ester	Structural pest control	0.16	N/A	N/A	N/A
2,4-d, isooctyl ester	Grape, wine	1.41	2	40.0	A
2,4-d, isooctyl ester	Landscape maintenance	1.32	N/A	N/A	N/A
2,4-d, isooctyl ester	Rights of way	0.42	N/A	N/A	N/A
2,4-d, triisopropylamine salt	Golf course turf	69.2	N/A	30.0	A
ddvp	Commodity fumigation	132.71	N/A	N/A	N/A
ddvp	Food processing plant	6.42	N/A	1,999,998.0	C
ddvp	Structural pest control	0.17	N/A	N/A	N/A
ddvp, other related	Commodity fumigation	1.29	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
ddvp, other related	Structural pest control	0.01	N/A	N/A	N/A
deltamethrin	Landscape maintenance	1.66	N/A	N/A	N/A
deltamethrin	Public health	0.23	N/A	N/A	N/A
deltamethrin	Regulatory pest control	6.37	N/A	N/A	N/A
deltamethrin	Structural pest control	76.48	N/A	N/A	N/A
dextrin	Landscape maintenance	0.02	N/A	N/A	N/A
diatomaceous earth	Landscape maintenance	0.21	N/A	N/A	N/A
diatomaceous earth	Structural pest control	80.84	N/A	N/A	N/A
diazinon	Structural pest control	0.18	N/A	N/A	N/A
2,2-dibromo-3-nitrilopropionamide	Industrial processing water	10.12	N/A	1.0	A
2,2-dibromo-3-nitrilopropionamide	Water (industrial)	658.53	N/A	6.0	A
2,2-dibromo-3-nitrilopropionamide	Water (industrial)	11.76	N/A	48.0	U
dicamba	Golf course turf	4.42	N/A	64.23	A
dicamba	Golf course turf	0.01	N/A	14,000.0	S
dicamba	Landscape maintenance	15.52	N/A	N/A	N/A
dicamba	Rights of way	0.69	N/A	N/A	N/A
dicamba	Structural pest control	0.01	N/A	N/A	N/A
dicamba, dimethylamine salt	Landscape maintenance	7.45	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
dichlobenil	Rights of way	4,051.55	N/A	N/A	N/A
1,3-dichloro-5,5-dimethylhydantoin	Water (industrial)	173.56	N/A	6.0	A
1,3-dichloro-5,5-dimethylhydantoin	Water (industrial)	29.48	N/A	3.0	U
1,3-dichloro-5-ethyl-5-methylhydantoin	Water (industrial)	95.49	N/A	6.0	A
1,3-dichloro-5-ethyl-5-methylhydantoin	Water (industrial)	16.22	N/A	3.0	U
didecyl dimethyl ammonium chloride	Industrial hemp	1.24	8	10,544.0	S
didecyl dimethyl ammonium chloride	Structural pest control	1.57	N/A	N/A	N/A
diethylene glycol	Almond	69.77	7	1,488.38	A
diethylene glycol	Grape, wine	868.15	268	3,659.78	A
diethylene glycol	Landscape maintenance	32.02	N/A	N/A	N/A
diethylene glycol	Regulatory pest control	21.81	N/A	N/A	N/A
diethylene glycol	Rights of way	146.68	N/A	N/A	N/A
difenoconazole	Almond	60.62	2	580.0	A
difenoconazole	Golf course turf	1.31	N/A	5.0	A
difenoconazole	Grape, wine	172.3	253	1,667.04	A
difenoconazole	Landscape maintenance	4.83	N/A	N/A	N/A
difethialone	Regulatory pest control	<0.01	N/A	N/A	N/A
difethialone	Structural pest control	0.25	N/A	N/A	N/A
diglycolamine salt of 3,6-dichloro-o-anisic acid	Landscape maintenance	4.4	N/A	N/A	N/A
dikegulac sodium	Landscape maintenance	45.9	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
dikegulac sodium	Rights of way	5.52	N/A	N/A	N/A
dimethenamid-p	Landscape maintenance	1.29	N/A	N/A	N/A
dimethoate	Landscape maintenance	0.49	N/A	N/A	N/A
dimethyl alkyl tertiary amines	Grape, wine	2.37	39	470.55	A
dimethyl alkyl tertiary amines	Olive	0.13	3	21.47	A
dimethyl alkyl tertiary amines	Pastureland	0.62	1	100.0	A
dimethyl alkyl tertiary amines	Rights of way	0.11	N/A	N/A	N/A
dimethylpolysiloxane	Alfalfa	0.32	2	360.0	A
dimethylpolysiloxane	Almond	9.74	11	2,246.76	A
dimethylpolysiloxane	Broccoli	0.03	1	1.0	A
dimethylpolysiloxane	Grape, wine	71.29	409	6,060.74	A
dimethylpolysiloxane	Hops	<0.01	1	3.0	A
dimethylpolysiloxane	Landscape maintenance	1.13	N/A	N/A	N/A
dimethylpolysiloxane	Lettuce, leaf	0.13	5	5.0	A
dimethylpolysiloxane	Olive	0.01	3	21.47	A
dimethylpolysiloxane	Pastureland	0.01	1	100.0	A
dimethylpolysiloxane	Pistachio	1.29	3	171.64	A
dimethylpolysiloxane	Regulatory pest control	0.49	N/A	N/A	N/A
dimethylpolysiloxane	Rights of way	2.1	N/A	N/A	N/A
dimethylpolysiloxane	Structural pest control	0.01	N/A	N/A	N/A
dimethylpolysiloxane	Vegetables, leafy	0.03	1	1.0	A
dimethyl silicone fluid emulsion	Rights of way	1.26	N/A	N/A	N/A
dinotefuran	Grape, wine	3.28	1	25.0	A
dinotefuran	Industrial hemp	5.2	10	69,248.0	S
dinotefuran	Landscape maintenance	32.1	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
dinotefuran	Research commodity	0.1	N/A	N/A	N/A
dinotefuran	Rights of way	3.18	N/A	N/A	N/A
dinotefuran	Structural pest control	617.72	N/A	N/A	N/A
dioctyl dimethyl ammonium chloride	Structural pest control	1.38	N/A	N/A	N/A
dioctyl dimethyl ammonium chloride	Water (industrial)	478.78	N/A	3.0	A
diphacinone	Grape, wine	<0.01	7	46.87	A
diphacinone	Landscape maintenance	0.54	N/A	N/A	N/A
diphacinone	Public health	<0.01	N/A	N/A	N/A
diphacinone	Rights of way	<0.01	N/A	N/A	N/A
diphacinone	Structural pest control	0.11	N/A	N/A	N/A
diphacinone	Uncultivated ag	0.01	2	23.0	A
diphacinone	Vertebrate control	1.77	N/A	N/A	N/A
diphacinone, sodium salt	Grape, wine	<0.01	2	1.37	A
diphacinone, sodium salt	Public health	<0.01	N/A	N/A	N/A
diphacinone, sodium salt	Structural pest control	0.01	N/A	N/A	N/A
diquat dibromide	Golf course turf	0.47	N/A	0.5	A
diquat dibromide	Landscape maintenance	0.01	1	0.5	A
diquat dibromide	Landscape maintenance	477.41	N/A	N/A	N/A
diquat dibromide	Rights of way	1,808.58	N/A	N/A	N/A
diquat dibromide	Structural pest control	14.92	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
diquat dibromide	Water area	144.5	N/A	20.0	A
disodium octaborate tetrahydrate	Landscape maintenance	0.19	N/A	N/A	N/A
disodium octaborate tetrahydrate	Structural pest control	13,405.22	N/A	N/A	N/A
dithiopyr	Golf course turf	45.15	N/A	121.7	A
dithiopyr	Golf course turf	0.51	N/A	41,000.0	S
dithiopyr	Landscape maintenance	319.1	N/A	N/A	N/A
dithiopyr	Regulatory pest control	2.0	N/A	N/A	N/A
dithiopyr	Rights of way	1,924.64	N/A	N/A	N/A
diuron	Landscape maintenance	96.81	N/A	N/A	N/A
diuron	Rights of way	10.93	N/A	N/A	N/A
dodecylbenzene sulfonic acid	Grape, wine	0.04	6	0.9	A
dodecylbenzene sulfonic acid	Landscape maintenance	7.87	N/A	N/A	N/A
dodecylbenzene sulfonic acid	Rights of way	0.17	N/A	N/A	N/A
alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	Grape, wine	0.02	1	2.0	A
alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	Olive	2.84	1	72.0	A
2,4-dp-p, dimethylamine salt	Landscape maintenance	<0.01	N/A	N/A	N/A
edta	Almond	0.21	1	17.6	A
edta, tetrasodium salt	Grape, wine	<0.01	6	0.9	A
edta, tetrasodium salt	Landscape maintenance	0.49	N/A	N/A	N/A
edta, tetrasodium salt	Rights of way	0.01	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
emamectin benzoate	Landscape maintenance	0.13	N/A	N/A	N/A
emulsifiable methylated vegetable oil	Grape, wine	97.14	9	90.5	A
endothall, mono [n,n-dimethyl alkylamine] salt	Water area	2.26	N/A	0.2	A
esfenvalerate	Regulatory pest control	0.03	N/A	N/A	N/A
esfenvalerate	Structural pest control	53.49	N/A	N/A	N/A
ethephon	Golf course turf	262.72	N/A	67.5	A
ethephon	Landscape maintenance	387.54	N/A	N/A	N/A
etofenprox	Public health	0.01	N/A	N/A	N/A
etofenprox	Regulatory pest control	0.12	N/A	N/A	N/A
etofenprox	Structural pest control	9.48	N/A	N/A	N/A
ethofumesate	Landscape maintenance	55.62	N/A	N/A	N/A
ethyl alcohol	Landscape maintenance	1.95	N/A	N/A	N/A
fatty acids, mixed	Almond	124.68	9	1,549.98	A
fatty acids, mixed	Grape, wine	219.62	116	1,258.47	A
fatty acids, mixed	Landscape maintenance	1.41	N/A	N/A	N/A
fatty acids, mixed	Regulatory pest control	38.85	N/A	N/A	N/A
fatty acids, mixed	Rights of way	146.22	N/A	N/A	N/A
fatty acids derived from tallow	Landscape maintenance	3.33	N/A	N/A	N/A
fenarimol	Grape, wine	0.07	1	1.5	A
fenoxycarb	Structural pest control	0.03	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
fenpyroximate	Grape, wine	1.5	1	14.0	A
fenpyroximate	Regulatory pest control	0.02	N/A	N/A	N/A
ferric sodium edta	Landscape maintenance	5.88	N/A	N/A	N/A
fipronil	Landscape maintenance	0.07	N/A	N/A	N/A
fipronil	Public health	<0.01	N/A	N/A	N/A
fipronil	Regulatory pest control	0.03	N/A	N/A	N/A
fipronil	Rights of way	<0.01	N/A	N/A	N/A
fipronil	Structural pest control	858.94	N/A	N/A	N/A
flonicamid	Industrial hemp	<0.01	1	100.0	S
flonicamid	Landscape maintenance	0.01	N/A	N/A	N/A
flonicamid	Regulatory pest control	0.78	N/A	N/A	N/A
flonicamid	Research commodity	0.11	N/A	N/A	N/A
fluazifop-butyl	Landscape maintenance	2.39	N/A	N/A	N/A
fluazifop-p-butyl	Golf course turf	0.14	N/A	10,000.0	S
fluazifop-p-butyl	Landscape maintenance	11.62	N/A	N/A	N/A
fluazinam	Golf course turf	2.87	N/A	10.0	A
fluazinam	Landscape maintenance	30.19	N/A	N/A	N/A
fludioxonil	Golf course turf	9.66	N/A	12.0	A
fludioxonil	Grape, wine	72.05	7	330.0	A
fludioxonil	Landscape maintenance	32.46	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
flumioxazin	Grape, wine	240.82	272	1,446.29	A
flumioxazin	Landscape maintenance	22.42	N/A	N/A	N/A
flumioxazin	Olive	5.02	3	16.2	A
fluopyram	Golf course turf	2.24	N/A	5.0	A
fluopyram	Grape, wine	326.01	287	2,963.17	A
fluopyram	Pistachio	13.27	2	128.0	A
flurecol-methyl	Landscape maintenance	1.07	N/A	N/A	N/A
fluridone	Water area	24.4	N/A	195.0	A
flurprimidol	Golf course turf	8.71	N/A	48.0	A
flurprimidol	Landscape maintenance	4.1	N/A	N/A	N/A
flutolanil	Golf course turf	39.2	N/A	5.0	A
flutolanil	Landscape maintenance	110.6	N/A	N/A	N/A
tau-fluvalinate	Research commodity	0.18	N/A	N/A	N/A
tau-fluvalinate	Structural pest control	0.31	N/A	N/A	N/A
fluxapyroxad	Golf course turf	1.71	N/A	7.5	A
fluxapyroxad	Landscape maintenance	5.6	N/A	N/A	N/A
foramsulfuron	Landscape maintenance	1.03	N/A	N/A	N/A
formic acid	Beehive	0.48	1	4.0	U
fosetyl-al	Golf course turf	226.8	N/A	24.09	A
fox urine	Landscape maintenance	0.02	N/A	N/A	N/A
free fatty acids and/or amine salts	Landscape maintenance	4.6	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
freon 12	Structural pest control	0.31	N/A	N/A	N/A
gamma-cyhalothrin	Landscape maintenance	<0.01	N/A	N/A	N/A
gamma-cyhalothrin	Structural pest control	739.12	N/A	N/A	N/A
garlic	Industrial hemp	0.03	2	2,488.0	S
garlic	Landscape maintenance	2.03	N/A	N/A	N/A
garlic	Regulatory pest control	4.22	N/A	N/A	N/A
garlic	Rights of way	0.8	N/A	N/A	N/A
gibberellins	Landscape maintenance	<0.01	N/A	N/A	N/A
glufosinate-ammonium	Almond	229.3	2	254.44	A
glufosinate-ammonium	Grape, wine	1,027.31	195	815.98	A
glufosinate-ammonium	Landscape maintenance	132.42	N/A	N/A	N/A
glufosinate-ammonium	Olive	9.24	2	7.87	A
glufosinate-ammonium	Rights of way	38.9	N/A	N/A	N/A
glufosinate-ammonium	Structural pest control	<0.01	N/A	N/A	N/A
glutaraldehyde	Water (industrial)	715.38	N/A	13.0	A
glutaraldehyde	Water (industrial)	964.31	N/A	9.0	U
glycerol	Alfalfa	25.1	2	340.0	A
glyphosate	Landscape maintenance	5.53	N/A	N/A	N/A
glyphosate, dimethylamine salt	Landscape maintenance	50.22	N/A	N/A	N/A
glyphosate, dimethylamine salt	Rights of way	2,292.68	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
glyphosate, isopropylamine salt	Alfalfa	600.1	2	340.0	A
glyphosate, isopropylamine salt	Almond	1,096.83	5	775.98	A
glyphosate, isopropylamine salt	Grape, wine	2,551.81	316	1,835.33	A
glyphosate, isopropylamine salt	Landscape maintenance	0.23	1	0.5	A
glyphosate, isopropylamine salt	Landscape maintenance	7,231.99	N/A	N/A	N/A
glyphosate, isopropylamine salt	N-outdr flower	35.89	3	25.0	A
glyphosate, isopropylamine salt	N-outdr plants in containers	479.63	1	24.0	A
glyphosate, isopropylamine salt	Olive	48.19	5	24.07	A
glyphosate, isopropylamine salt	Pastureland	0.12	1	20,000.0	S
glyphosate, isopropylamine salt	Pistachio	87.21	1	43.64	A
glyphosate, isopropylamine salt	Public health	25.61	N/A	N/A	N/A
glyphosate, isopropylamine salt	Regulatory pest control	8.16	N/A	N/A	N/A
glyphosate, isopropylamine salt	Rights of way	10,227.12	N/A	N/A	N/A
glyphosate, isopropylamine salt	Structural pest control	96.52	N/A	N/A	N/A
glyphosate, isopropylamine salt	Uncultivated ag	3.83	4	74,000.0	S
glyphosate, isopropylamine salt	Water area	70.2	N/A	10.33	A
glyphosate, isopropylamine salt	Wheat	2.0	1	2.0	A
glyphosate, monoammonium salt	Landscape maintenance	291.51	N/A	N/A	N/A
glyphosate, potassium salt	Golf course turf	1.38	N/A	0.5	A
glyphosate, potassium salt	Grape, wine	1,659.67	167	809.33	A
glyphosate, potassium salt	Landscape maintenance	7,344.43	N/A	N/A	N/A
glyphosate, potassium salt	Public health	11.72	N/A	N/A	N/A
glyphosate, potassium salt	Regulatory pest control	0.78	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
glyphosate, potassium salt	Rights of way	1,023.08	N/A	N/A	N/A
glyphosate, potassium salt	Structural pest control	3.07	N/A	N/A	N/A
halosulfuron-methyl	Landscape maintenance	2.64	N/A	N/A	N/A
halosulfuron-methyl	Rights of way	0.33	N/A	N/A	N/A
heptamethyltrisiloxane ethoxylated	Grape, wine	38.98	59	370.9	A
heptamethyltrisiloxane ethoxylated	Landscape maintenance	2.83	N/A	N/A	N/A
heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	Alfalfa	13.27	2	340.0	A
heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	Cabbage	0.88	2	2.0	A
heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	Cauliflower	1.53	4	13.0	A
heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	Landscape maintenance	0.33	N/A	N/A	N/A
heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	Lettuce, leaf	1.86	7	19.4	A
heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	Structural pest control	3.32	N/A	N/A	N/A
heptyl butyrate	Structural pest control	0.09	N/A	N/A	N/A
(z)-9-hexadecenal	Structural pest control	<0.01	N/A	N/A	N/A
hexylene glycol	Rights of way	646.69	N/A	N/A	N/A
hexythiazox	Grape, wine	7.52	5	40.0	A
hexythiazox	Hops	0.56	1	3.0	A
hexythiazox	Regulatory pest control	0.05	N/A	N/A	N/A
humic acid	Almond	0.42	1	17.6	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
hydramethylnon	Landscape maintenance	<0.01	N/A	N/A	N/A
hydramethylnon	Structural pest control	0.07	N/A	N/A	N/A
hydrogen chloride	Landscape maintenance	4.74	N/A	N/A	N/A
hydrogen peroxide	Golf course turf	18.56	N/A	2.5	A
hydrogen peroxide	Grape, wine	2,127.17	604	3,938.33	A
hydrogen peroxide	Industrial hemp	13.78	107	258,166.0	S
hydrogen peroxide	Industrial hemp	1.74	23	15,590.0	U
hydrogen peroxide	N-outdr plants in containers	3.73	1	1.0	A
hydrogen peroxide	Structural pest control	0.01	N/A	N/A	N/A
hydroprene	Industrial hemp	<0.01	1	3,600.0	S
hydroprene	Regulatory pest control	0.12	N/A	N/A	N/A
hydroprene	Structural pest control	28.85	N/A	N/A	N/A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Rights of way	0.4	N/A	N/A	N/A
imazamox, ammonium salt	Landscape maintenance	23.57	N/A	N/A	N/A
imazamox, ammonium salt	Rights of way	29.27	N/A	N/A	N/A
imazapic, ammonium salt	Landscape maintenance	0.29	N/A	N/A	N/A
imazapyr, isopropylamine salt	Landscape maintenance	101.43	N/A	N/A	N/A
imazapyr, isopropylamine salt	Rights of way	218.55	N/A	N/A	N/A
imazapyr, isopropylamine salt	Water area	41.13	N/A	11.44	A
imazapyr, isopropylamine salt	Water area	1.03	N/A	4,630.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
imidacloprid	Grape, wine	508.81	104	1,473.17	A
imidacloprid	Landscape maintenance	144.46	N/A	N/A	N/A
imidacloprid	Regulatory pest control	0.04	N/A	N/A	N/A
imidacloprid	Research commodity	0.02	N/A	N/A	N/A
imidacloprid	Rights of way	5.92	N/A	N/A	N/A
imidacloprid	Structural pest control	468.83	N/A	N/A	N/A
imidacloprid	Vertebrate control	0.01	N/A	N/A	N/A
indaziflam	Grape, wine	18.48	36	416.27	A
indaziflam	Landscape maintenance	21.7	N/A	N/A	N/A
indaziflam	Olive	0.36	2	7.87	A
indaziflam	Pistachio	1.98	1	43.64	A
indaziflam	Regulatory pest control	1.28	N/A	N/A	N/A
indaziflam	Rights of way	332.03	N/A	N/A	N/A
indoxacarb	Landscape maintenance	0.87	N/A	N/A	N/A
indoxacarb	Regulatory pest control	0.03	N/A	N/A	N/A
indoxacarb	Structural pest control	170.09	N/A	N/A	N/A
iprodione	Golf course turf	50.58	N/A	14.5	A
iprodione	Landscape maintenance	236.6	N/A	N/A	N/A
iprodione	Research commodity	0.2	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
iron phosphate	Landscape maintenance	13.48	N/A	N/A	N/A
iron phosphate	Structural pest control	3.11	N/A	N/A	N/A
alpha-isodecyl-omega-hydroxypoly(oxyethylene) phosphate	Landscape maintenance	6.58	N/A	N/A	N/A
isopropyl alcohol	Alfalfa	6.61	2	360.0	A
isopropyl alcohol	Grape, wine	98.04	44	1,871.4	A
isopropyl alcohol	Hops	0.04	1	3.0	A
isopropyl alcohol	Landscape maintenance	7.15	N/A	N/A	N/A
isopropyl alcohol	Rights of way	33.06	N/A	N/A	N/A
isopropyl alcohol	Structural pest control	103.21	N/A	N/A	N/A
isopropylamine dodecylbenzene sulfonate	Water area	0.19	N/A	5.0	A
isoxaben	Landscape maintenance	217.84	N/A	N/A	N/A
isoxaben	N-outdr flower	18.0	3	25.0	A
isoxaben	N-outdr plants in containers	3.03	15	15.0	A
isoxaben	Regulatory pest control	1.52	N/A	N/A	N/A
isoxaben	Rights of way	137.96	N/A	N/A	N/A
(s)-kinoprene	Research commodity	0.1	N/A	N/A	N/A
kresoxim-methyl	Grape, wine	0.65	1	4.3	A
lactic acid	Landscape maintenance	0.31	N/A	N/A	N/A
lambda-cyhalothrin	Alfalfa	11.32	2	360.0	A
lambda-cyhalothrin	Almond	30.85	4	758.38	A
lambda-cyhalothrin	Golf course turf	0.21	N/A	4.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
lambda-cyhalothrin	Landscape maintenance	0.37	N/A	N/A	N/A
lambda-cyhalothrin	Pistachio	8.16	3	248.0	A
lambda-cyhalothrin	Structural pest control	80.48	N/A	N/A	N/A
lecithin	Almond	272.3	11	1,516.36	A
lecithin	Grape, wine	33.15	36	175.96	A
lecithin	Landscape maintenance	84.9	N/A	N/A	N/A
lecithin	Pistachio	150.73	6	419.64	A
lecithin	Rights of way	1,525.63	N/A	N/A	N/A
lime-sulfur	Grape, wine	0.43	3	0.45	A
limonene	Landscape maintenance	42.65	N/A	N/A	N/A
limonene	Rights of way	4.07	N/A	N/A	N/A
limonene	Structural pest control	1,204.78	N/A	N/A	N/A
magnesium phosphide	Almond	1.59	N/A	17,100.0	C
magnesium phosphide	Commodity fumigation	290.19	N/A	N/A	N/A
magnesium phosphide	Cotton	3.91	N/A	21,600.0	C
magnesium phosphide	Fumigation, other	16.69	N/A	N/A	N/A
magnesium phosphide	Rice	0.2	N/A	6,500.0	C
magnesium phosphide	Structural pest control	25.6	N/A	N/A	N/A
malathion	N-outdr plants in containers	1.53	2	2.0	A
malathion	Structural pest control	0.02	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
mancozeb	Landscape maintenance	96.0	N/A	N/A	N/A
mancozeb	N-outdr plants in containers	0.28	1	1.0	A
margosa oil	Structural pest control	0.04	N/A	N/A	N/A
mcpa, isooctyl ester	Landscape maintenance	2.28	N/A	N/A	N/A
mcpp	Landscape maintenance	0.86	N/A	N/A	N/A
mcpp, dimethylamine salt	Landscape maintenance	<0.01	N/A	N/A	N/A
mcpp-p, dimethylamine salt	Golf course turf	11.95	N/A	30.0	A
mcpp-p, dimethylamine salt	Landscape maintenance	8.51	N/A	N/A	N/A
mecoprop-p	Golf course turf	4.2	N/A	34.23	A
mecoprop-p	Golf course turf	0.04	N/A	14,000.0	S
mecoprop-p	Landscape maintenance	59.45	N/A	N/A	N/A
mecoprop-p	Rights of way	2.39	N/A	N/A	N/A
mecoprop-p	Structural pest control	0.04	N/A	N/A	N/A
mefenoxam	Landscape maintenance	7.93	N/A	N/A	N/A
mefenoxam	N-grnhs flower	0.02	N/A	1.0	U
mefenoxam	N-outdr plants in containers	0.11	3	3.0	A
mefenoxam, other related	Landscape maintenance	0.25	N/A	N/A	N/A
mefenoxam, other related	N-grnhs flower	<0.01	N/A	1.0	U
mefenoxam, other related	N-outdr plants in containers	<0.01	3	3.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
mefluidide, diethanolamine salt	Landscape maintenance	0.74	N/A	N/A	N/A
metaflumizone	Almond	0.04	1	44.0	A
metalaxyl	Landscape maintenance	0.61	N/A	N/A	N/A
metaldehyde	Landscape maintenance	3.46	N/A	N/A	N/A
metam-sodium	Rights of way	2,436.82	N/A	N/A	N/A
metconazole	Golf course turf	7.65	N/A	15.3	A
metconazole	Landscape maintenance	8.87	N/A	N/A	N/A
methomyl	Structural pest control	<0.01	N/A	N/A	N/A
methoprene	Landscape maintenance	0.02	N/A	N/A	N/A
methoprene	Public health	0.01	N/A	N/A	N/A
methoprene	Structural pest control	0.22	N/A	N/A	N/A
s-methoprene	Food processing plant	0.46	N/A	1,999,998.0	C
s-methoprene	Public health	56.93	N/A	N/A	N/A
s-methoprene	Structural pest control	0.44	N/A	N/A	N/A
methoxyfenozide	Pistachio	36.15	2	128.0	A
methyl anthranilate	Structural pest control	10.19	N/A	N/A	N/A
methylated soybean oil	Alfalfa	94.0	2	340.0	A
methylated soybean oil	Almond	88.34	6	846.38	A
methylated soybean oil	Grape, wine	208.92	149	706.93	A
methylated soybean oil	Landscape maintenance	64.46	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
methylated soybean oil	Olive	4.67	3	21.47	A
methylated soybean oil	Pastureland	21.71	1	100.0	A
methylated soybean oil	Pistachio	75.36	6	419.64	A
methylated soybean oil	Rights of way	694.03	N/A	N/A	N/A
methylated soybean oil	Structural pest control	23.5	N/A	N/A	N/A
methyl bromide	Almond	106.0	N/A	54,000.0	C
methyl bromide	Bamboo shoots	4,819.5	N/A	200,520.0	C
methyl bromide	Dried fruit	42.0	N/A	21,000.0	C
methyl bromide	Fumigation, other	3,597.5	N/A	N/A	N/A
methyl bromide	Prune	30.0	N/A	18,000.0	C
methyl bromide	Rice	5.0	N/A	2,400.0	C
methyl bromide	Walnut	6.0	N/A	4,500.0	C
methyl-2,7-dichloro-9-hydroxyfluorene-9-carboxylate	Landscape maintenance	0.81	N/A	N/A	N/A
methylene chloride	Structural pest control	0.17	N/A	N/A	N/A
methyl eugenol	Rights of way	116.13	N/A	N/A	N/A
2-methyl-4-isothiazolin-3-one	Water (industrial)	0.48	N/A	2.0	A
2-methyl-4-isothiazolin-3-one	Water (industrial)	18.55	N/A	216.0	U
methyl nonyl ketone	Structural pest control	0.03	N/A	N/A	N/A
methyl silicone resins	Landscape maintenance	0.01	N/A	N/A	N/A
methyl silicone resins	Rights of way	0.03	N/A	N/A	N/A
metiram	Structural pest control	0.64	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
metofluthrin	Structural pest control	0.17	N/A	N/A	N/A
metrafenone	Grape, wine	516.12	220	1,848.38	A
mineral oil	Golf course turf	294.02	N/A	15.0	A
mineral oil	Grape, wine	7,297.55	165	1,569.74	A
mineral oil	Industrial hemp	45.35	77	165,406.0	S
mineral oil	Industrial hemp	1.01	4	1,750.0	U
mineral oil	Landscape maintenance	786.92	N/A	N/A	N/A
mineral oil	N-outdr plants in containers	62.59	9	9.0	A
mineral oil	Olive	14.89	1	72.0	A
mineral oil	Research commodity	5.15	N/A	N/A	N/A
mineral oil	Rights of way	374.2	N/A	N/A	N/A
msma	Landscape maintenance	3.71	N/A	N/A	N/A
msma	Structural pest control	0.28	N/A	N/A	N/A
muscalure	Structural pest control	0.15	N/A	N/A	N/A
myclobutanil	Grape, wine	197.84	196	1,641.54	A
myclobutanil	Landscape maintenance	10,078.14	N/A	N/A	N/A
naa	Landscape maintenance	0.29	N/A	N/A	N/A
naa, ammonium salt	Landscape maintenance	0.98	N/A	N/A	N/A
naa, ethyl ester	Landscape maintenance	0.16	N/A	N/A	N/A
napropamide	Structural pest control	0.06	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
nicosulfuron	Structural pest control	0.29	N/A	N/A	N/A
nonanoic acid	Landscape maintenance	2.16	N/A	N/A	N/A
nonanoic acid, other related	Landscape maintenance	0.11	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Alfalfa	77.11	4	700.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Almond	202.08	10	1,786.82	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Grape, wine	1,749.44	331	5,732.85	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Hops	0.44	1	3.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Industrial hemp	0.85	61	136,870.0	S
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	167.31	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	N-grnhs flower	0.94	N/A	25.0	U
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Olive	5.37	3	21.47	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Pastureland	8.33	1	100.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Regulatory pest control	56.83	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Rights of way	706.15	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Structural pest control	0.14	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	Landscape maintenance	1.89	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	Rights of way	0.21	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	Almond	462.61	6	1,012.82	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	Grape, wine	13.2	36	149.03	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	Pistachio	31.98	3	171.64	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	Rights of way	4.78	N/A	N/A	N/A
novaluron	Structural pest control	14.81	N/A	N/A	N/A
noviflumuron	Structural pest control	0.47	N/A	N/A	N/A
n-octyl bicycloheptene dicarboximide	Commodity fumigation	0.01	N/A	N/A	N/A
n-octyl bicycloheptene dicarboximide	Landscape maintenance	<0.01	N/A	N/A	N/A
n-octyl bicycloheptene dicarboximide	Public health	0.02	N/A	N/A	N/A
n-octyl bicycloheptene dicarboximide	Regulatory pest control	7.56	N/A	N/A	N/A
n-octyl bicycloheptene dicarboximide	Structural pest control	73.78	N/A	N/A	N/A
octyl decyl dimethyl ammonium chloride	Structural pest control	2.75	N/A	N/A	N/A
oil of black pepper	Structural pest control	0.03	N/A	N/A	N/A
oleic acid, ethyl ester	Grape, wine	9.69	1	25.0	A
oleic acid, ethyl ester	Landscape maintenance	321.28	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
oleic acid, ethyl ester	N-grnhs flower	0.07	N/A	5.0	U
oleic acid, ethyl ester	Regulatory pest control	15.77	N/A	N/A	N/A
oleic acid, ethyl ester	Water area	18.02	N/A	5.0	A
oleic acid, methyl ester	Almond	399.67	3	608.38	A
oleic acid, methyl ester	Grape, wine	254.79	58	363.4	A
oleic acid, methyl ester	Landscape maintenance	16.26	N/A	N/A	N/A
oleic acid, methyl ester	Rights of way	869.97	N/A	N/A	N/A
oryzalin	Landscape maintenance	277.53	N/A	N/A	N/A
oryzalin	Olive	56.58	1	13.6	A
oryzalin	Rights of way	749.09	N/A	N/A	N/A
oxadiazon	Landscape maintenance	104.42	N/A	N/A	N/A
oxadiazon	Rights of way	5.5	N/A	N/A	N/A
oxyfluorfen	Grape, wine	633.77	401	2,229.39	A
oxyfluorfen	Landscape maintenance	51.55	N/A	N/A	N/A
oxyfluorfen	Olive	11.47	4	10.47	A
oxyfluorfen	Rights of way	171.91	N/A	N/A	N/A
oxytetracycline hydrochloride	Landscape maintenance	1.4	N/A	N/A	N/A
paclobutrazol	Landscape maintenance	54.8	N/A	N/A	N/A
paecilomyces fumosoroseus apopka strain 97	Industrial hemp	0.7	2	1,500.0	C
paecilomyces fumosoroseus apopka strain 97	Industrial hemp	17.26	154	627,884.0	S
paecilomyces fumosoroseus apopka strain 97	Industrial hemp	0.01	1	500.0	U
paraquat dichloride	Strawberry	6.9	1	4.5	A
pcnb	Golf course turf	24.6	N/A	4.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
pcnb	Landscape maintenance	122.98	N/A	N/A	N/A
pcp, other related	Grape, wine	0.12	2	40.0	A
pcp, other related	Rights of way	0.03	N/A	N/A	N/A
pendimethalin	Golf course turf	34.09	N/A	24.0	A
pendimethalin	Grape, wine	1,459.74	273	1,450.72	A
pendimethalin	Landscape maintenance	1,091.73	N/A	N/A	N/A
pendimethalin	N-outdr flower	113.64	3	25.0	A
pendimethalin	Olive	3.4	2	2.6	A
pendimethalin	Rights of way	74.19	N/A	N/A	N/A
penoxsulam	Golf course turf	0.05	N/A	5.0	A
penoxsulam	Golf course turf	<0.01	N/A	6,000.0	S
penoxsulam	Landscape maintenance	2.44	N/A	N/A	N/A
penoxsulam	Olive	0.22	2	7.87	A
penoxsulam	Rights of way	3.6	N/A	N/A	N/A
pentachlorophenol	Grape, wine	1.04	2	40.0	A
pentachlorophenol	Rights of way	0.31	N/A	N/A	N/A
penthiopyrad	Golf course turf	13.75	N/A	20.0	A
penthiopyrad	Landscape maintenance	39.0	N/A	N/A	N/A
permethrin	Industrial hemp	<0.01	1	3,600.0	S
permethrin	Landscape maintenance	83.44	N/A	N/A	N/A
permethrin	N-grnhs flower	0.66	N/A	30.0	U
permethrin	Regulatory pest control	0.02	N/A	N/A	N/A
permethrin	Rights of way	0.9	N/A	N/A	N/A
permethrin	Structural pest control	345.82	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
permethrin, other related	Structural pest control	0.07	N/A	N/A	N/A
peroxyacetic acid	Grape, wine	1.38	1	7.5	A
peroxyacetic acid	Industrial hemp	0.46	31	112,216.0	S
peroxyacetic acid	Industrial hemp	0.1	14	8,630.0	U
peroxyacetic acid	N-outdr plants in containers	0.28	1	1.0	A
petroleum distillates	Landscape maintenance	56.67	N/A	N/A	N/A
petroleum distillates	Public health	0.47	N/A	N/A	N/A
petroleum distillates	Structural pest control	1.81	N/A	N/A	N/A
petroleum distillates, aromatic	Almond	173.43	1	236.84	A
petroleum distillates, aromatic	Grape, wine	9.82	7	75.67	A
petroleum distillates, refined	Grape, wine	2,839.69	129	921.38	A
petroleum distillates, refined	Landscape maintenance	8.8	N/A	N/A	N/A
petroleum distillates, refined	Public health	3,182.19	N/A	N/A	N/A
petroleum distillates, refined	Regulatory pest control	5.91	N/A	N/A	N/A
petroleum distillates, refined	Research commodity	3.38	N/A	N/A	N/A
petroleum oil, paraffin based	Water area	30.41	N/A	5.0	A
petroleum oil, unclassified	Grape, wine	4,884.38	106	773.0	A
petroleum oil, unclassified	Landscape maintenance	20.43	N/A	N/A	N/A
petroleum oil, unclassified	Rights of way	36.69	N/A	N/A	N/A
phenothrin	Landscape maintenance	<0.01	N/A	N/A	N/A
phenothrin	Public health	0.01	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
phenothrin	Regulatory pest control	0.01	N/A	N/A	N/A
phenothrin	Structural pest control	3.79	N/A	N/A	N/A
phenylethyl propionate	Structural pest control	0.15	N/A	N/A	N/A
ortho-phenylphenol	Landscape maintenance	<0.01	N/A	N/A	N/A
phorate	Structural pest control	0.11	N/A	N/A	N/A
phosacetin	Landscape maintenance	0.04	N/A	N/A	N/A
phosphine	Rice	356.38	N/A	11,032,800.0	C
phosphoric acid	Alfalfa	7.79	2	340.0	A
phosphoric acid	Almond	13.92	4	758.38	A
phosphoric acid	Grape, wine	5.9	21	108.2	A
phosphoric acid	Landscape maintenance	2.05	N/A	N/A	N/A
phosphoric acid	Pistachio	0.63	2	128.0	A
phosphoric acid	Rights of way	7.93	N/A	N/A	N/A
pine oil	Structural pest control	0.04	N/A	N/A	N/A
piperalin	Research commodity	0.08	N/A	N/A	N/A
piperine	Structural pest control	0.01	N/A	N/A	N/A
piperonyl butoxide	Commodity fumigation	20.02	N/A	N/A	N/A
piperonyl butoxide	Landscape maintenance	0.01	N/A	N/A	N/A
piperonyl butoxide	Public health	1.71	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
piperonyl butoxide	Regulatory pest control	5.22	N/A	N/A	N/A
piperonyl butoxide	Structural pest control	636.56	N/A	N/A	N/A
piperonyl butoxide, other related	Landscape maintenance	<0.01	N/A	N/A	N/A
piperonyl butoxide, other related	Public health	0.42	N/A	N/A	N/A
piperonyl butoxide, other related	Regulatory pest control	<0.01	N/A	N/A	N/A
piperonyl butoxide, other related	Structural pest control	8.58	N/A	N/A	N/A
polyacrylamide, polyethylene glycol mixture	Rights of way	1.93	N/A	N/A	N/A
polyacrylamide polymer	Alfalfa	2.52	2	340.0	A
polyacrylamide polymer	Rights of way	1.26	N/A	N/A	N/A
polyacrylic polymer	Rights of way	0.71	N/A	N/A	N/A
polyalkene oxide modified heptamethyl trisiloxane	Landscape maintenance	18.62	N/A	N/A	N/A
polyalkene oxide modified heptamethyl trisiloxane	N-grnhs flower	0.48	N/A	25.0	U
polyalkene oxide modified heptamethyl trisiloxane	Rights of way	3.34	N/A	N/A	N/A
polyalkyleneoxide modified polydimethyl-siloxane	Cauliflower	0.03	1	4.0	A
polyalkyleneoxide modified polydimethyl-siloxane	Lettuce, leaf	0.08	3	9.0	A
polybutenes	Structural pest control	4.26	N/A	N/A	N/A
polybutenes	Vertebrate control	20.76	N/A	N/A	N/A
polyether modified polysiloxane	Grape, wine	5.27	9	90.5	A
polyethylene glycol	Alfalfa	41.76	2	360.0	A
polyethylene glycol	Grape, wine	619.1	38	1,870.5	A
polyethylene glycol	Hops	0.24	1	3.0	A
polyethylene glycol diacetate	Rights of way	0.01	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	Landscape maintenance	6.95	N/A	N/A	N/A
polyethylene glycol stearate	Grape, wine	2.42	1	25.0	A
polyethylene glycol stearate	Landscape maintenance	32.77	N/A	N/A	N/A
polyethylene glycol stearate	N-grnhs flower	0.02	N/A	5.0	U
polyoxin d, zinc salt	Golf course turf	1.54	N/A	4.0	A
polyoxin d, zinc salt	Landscape maintenance	4.52	N/A	N/A	N/A
poly(oxyethylene) (dimethylimino) ethylene (dimethylimino) ethylene dichloride	Landscape maintenance	2.87	N/A	N/A	N/A
polyoxyethylene dioleate	Landscape maintenance	33.29	N/A	N/A	N/A
polyoxyethylene dioleate	Regulatory pest control	2.76	N/A	N/A	N/A
polyoxyethylene dioleate	Water area	3.15	N/A	5.0	A
polyoxyethylene polyoxypropylene	Grape, wine	0.25	1	7.5	A
poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	Cabbage	0.17	2	2.0	A
poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	Cauliflower	0.29	4	13.0	A
poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	Lettuce, leaf	0.35	7	19.4	A
polyoxyethylene sorbitan monolaurate	Landscape maintenance	4.38	N/A	N/A	N/A
polyoxyethylene sorbitan monooleate	Landscape maintenance	9.51	N/A	N/A	N/A
polyoxyethylene sorbitan monooleate	Regulatory pest control	0.79	N/A	N/A	N/A
polyoxyethylene sorbitan monooleate	Water area	1.65	N/A	10.0	A
polyoxyethylene sorbitan trioleate	Water area	4.92	N/A	5.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
polyoxyethylene soybean oil fatty acid ester	Grape, wine	83.85	34	369.22	A
polypropylene glycol	Landscape maintenance	0.02	N/A	N/A	N/A
polypropylene glycol	Rights of way	0.03	N/A	N/A	N/A
polysaccharide polymer	Landscape maintenance	0.06	N/A	N/A	N/A
polysorbate 65	Rights of way	23.98	N/A	N/A	N/A
potash soap	Broccoli	0.26	1	1.0	A
potash soap	Cabbage	8.33	2	2.0	A
potash soap	Cauliflower	16.66	4	13.0	A
potash soap	Landscape maintenance	0.52	N/A	N/A	N/A
potash soap	Lettuce, leaf	35.53	12	24.4	A
potash soap	Research commodity	<0.01	N/A	N/A	N/A
potash soap	Vegetables, leafy	2.08	1	1.0	A
potassium bicarbonate	Grape, wine	844.46	43	206.65	A
potassium bicarbonate	Industrial hemp	12.96	44	92,109.0	S
potassium bicarbonate	Regulatory pest control	0.21	N/A	N/A	N/A
potassium bicarbonate	Research commodity	0.09	N/A	N/A	N/A
potassium nitrate	Landscape maintenance	0.53	N/A	N/A	N/A
potassium phosphite	Industrial hemp	13.74	75	140,950.0	S
potassium phosphite	Industrial hemp	0.81	9	6,960.0	U
potassium phosphite	Landscape maintenance	1,879.82	N/A	N/A	N/A
potassium phosphite	N-grnhs flower	25.38	N/A	123.0	U
potassium phosphite	N-outdr plants in containers	0.6	1	1.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
potassium phosphite	Rights of way	2.58	N/A	N/A	N/A
potassium phosphite	Structural pest control	<0.01	N/A	N/A	N/A
potassium silicate	Grape, wine	200.06	34	181.6	A
prallethrin	Commodity fumigation	<0.01	N/A	N/A	N/A
prallethrin	Public health	0.01	N/A	N/A	N/A
prallethrin	Regulatory pest control	2.54	N/A	N/A	N/A
prallethrin	Structural pest control	12.75	N/A	N/A	N/A
prodiamine	Landscape maintenance	650.55	N/A	N/A	N/A
prodiamine	Public health	1.48	N/A	N/A	N/A
prometryn	Structural pest control	0.07	N/A	N/A	N/A
propiconazole	Almond	136.41	3	608.38	A
propiconazole	Golf course turf	19.86	N/A	15.5	A
propiconazole	Golf course turf	0.33	N/A	11,000.0	S
propiconazole	Landscape maintenance	124.11	N/A	N/A	N/A
propionic acid	Almond	9.98	2	61.6	A
propionic acid	Grape, wine	13.48	13	119.4	A
propionic acid	Rights of way	2.27	N/A	N/A	N/A
propoxur	Public health	0.03	N/A	N/A	N/A
propoxur	Structural pest control	0.03	N/A	N/A	N/A
propylene glycol	Landscape maintenance	17.31	N/A	N/A	N/A
propylene glycol	N-grnhs flower	0.16	N/A	25.0	U
propylene glycol	Rights of way	11.38	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
propyzamide	Landscape maintenance	41.82	N/A	N/A	N/A
pymetrozine	Industrial hemp	1.76	13	79,350.0	S
pyraclostrobin	Golf course turf	5.41	N/A	11.5	A
pyraclostrobin	Grape, wine	176.8	285	1,719.01	A
pyraclostrobin	Landscape maintenance	35.29	N/A	N/A	N/A
pyraclostrobin	N-outdr plants in containers	0.19	2	2.0	A
pyraclostrobin	Pistachio	24.32	3	248.0	A
pyraflufen-ethyl	Grape, wine	0.39	33	73.44	A
pyrazon	Structural pest control	1.3	N/A	N/A	N/A
pyrethrins	Broccoli	0.01	1	1.0	A
pyrethrins	Cabbage	0.05	2	2.0	A
pyrethrins	Cauliflower	0.11	5	16.0	A
pyrethrins	Commodity fumigation	3.37	N/A	N/A	N/A
pyrethrins	Landscape maintenance	<0.01	N/A	N/A	N/A
pyrethrins	Lettuce, leaf	0.16	12	24.4	A
pyrethrins	Public health	0.22	N/A	N/A	N/A
pyrethrins	Regulatory pest control	0.01	N/A	N/A	N/A
pyrethrins	Structural pest control	76.46	N/A	N/A	N/A
pyrethrins	Vegetables, leafy	0.01	1	1.0	A
pyrifluquinazon	Regulatory pest control	0.05	N/A	N/A	N/A
pyrimethanil	Almond	8.43	1	44.0	A
pyrimethanil	Grape, wine	183.28	74	957.37	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
pyriproxyfen	Commodity fumigation	3.69	N/A	N/A	N/A
pyriproxyfen	Landscape maintenance	0.16	N/A	N/A	N/A
pyriproxyfen	Regulatory pest control	0.01	N/A	N/A	N/A
pyriproxyfen	Structural pest control	29.69	N/A	N/A	N/A
qst 713 strain of dried bacillus subtilis	Industrial hemp	1.24	39	301,494.0	S
qst 713 strain of dried bacillus subtilis	Industrial hemp	0.02	5	17,500.0	U
qst 713 strain of dried bacillus subtilis	Landscape maintenance	0.07	N/A	N/A	N/A
quillaja	Industrial hemp	0.87	61	136,870.0	S
quinclorac	Landscape maintenance	38.71	N/A	N/A	N/A
quinclorac, dimethylamine salt	Golf course turf	0.75	N/A	1.5	A
quinclorac, dimethylamine salt	Golf course turf	0.24	N/A	12,000.0	S
quinclorac, dimethylamine salt	Landscape maintenance	45.71	N/A	N/A	N/A
quinoxifen	Grape, wine	273.11	374	2,594.71	A
reynoutria sachalinensis	Industrial hemp	30.85	76	306,084.0	S
reynoutria sachalinensis	Industrial hemp	1.2	11	20,280.0	U
reynoutria sachalinensis	N-grnhs plants in containers	<0.01	1	160.0	S
rimulfuron	Grape, wine	25.52	67	483.34	A
rimulfuron	Landscape maintenance	1.08	N/A	N/A	N/A
rimulfuron	Pistachio	2.39	1	43.64	A
rimulfuron	Rights of way	0.25	N/A	N/A	N/A
rimulfuron	Structural pest control	0.14	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
rotenone	Structural pest control	0.04	N/A	N/A	N/A
rotenone, other related	Structural pest control	<0.01	N/A	N/A	N/A
saflufenacil	Alfalfa	7.13	1	160.0	A
saflufenacil	Almond	26.61	3	608.38	A
sethoxydim	Grape, wine	33.38	28	145.82	A
sethoxydim	Landscape maintenance	2.08	N/A	N/A	N/A
siduron	Landscape maintenance	0.25	N/A	N/A	N/A
silica aerogel	Public health	8.33	N/A	N/A	N/A
silica aerogel	Structural pest control	284.21	N/A	N/A	N/A
silicone defoamer	Grape, wine	<0.01	6	0.9	A
silicone defoamer	Landscape maintenance	0.21	N/A	N/A	N/A
silicone defoamer	Rights of way	<0.01	N/A	N/A	N/A
sodium arsenate	Structural pest control	<0.01	N/A	N/A	N/A
sodium bromide	Structural pest control	298.88	N/A	N/A	N/A
sodium bromide	Water (industrial)	1,703.94	N/A	40.0	A
sodium bromide	Water (industrial)	88.07	N/A	591.0	U
sodium carbonate peroxyhydrate	Landscape maintenance	255.0	N/A	N/A	N/A
sodium carbonate peroxyhydrate	Public health	595.0	N/A	N/A	N/A
sodium carbonate peroxyhydrate	Water area	637.5	N/A	8.5	A
sodium decyl sulfate	Structural pest control	40.13	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
sodium dichloro-s-triazinetrione	Water (industrial)	19.8	N/A	108.0	U
sodium dichloro-s-triazinetrione dihydrate	Landscape maintenance	3,301.82	N/A	N/A	N/A
sodium dichloro-s-triazinetrione dihydrate	Water (industrial)	2.97	N/A	36.0	U
sodium hydroxide	Alfalfa	13.75	2	340.0	A
sodium hypochlorite	Landscape maintenance	562.03	N/A	N/A	N/A
sodium hypochlorite	Regulatory pest control	56.67	N/A	N/A	N/A
sodium hypochlorite	Structural pest control	205.95	N/A	N/A	N/A
sodium hypochlorite	Water (industrial)	1,436.87	N/A	46.0	A
sodium hypochlorite	Water (industrial)	545.74	N/A	495.0	U
sodium hypochlorite	Water systems - human potable/drinking	253.11	N/A	21.0	A
sodium lauroampho acetate	Structural pest control	30.29	N/A	N/A	N/A
sodium lauryl sulfate	Structural pest control	20.45	N/A	N/A	N/A
sodium metasilicate	Landscape maintenance	<0.01	N/A	N/A	N/A
sodium nitrate	Landscape maintenance	15.13	N/A	N/A	N/A
sodium nitrate	Structural pest control	9.24	N/A	N/A	N/A
sodium nitrate	Vertebrate control	52.48	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
sodium alpha-olefin (c14-c16) sulfonate	Rights of way	4,922.04	N/A	N/A	N/A
sodium polyacrylate	Rights of way	0.16	N/A	N/A	N/A
sodium tetraborate (pentahydrate)	Structural pest control	3.06	N/A	N/A	N/A
sodium xylene sulfonate	Grape, wine	0.01	6	0.9	A
sodium xylene sulfonate	Landscape maintenance	2.42	N/A	N/A	N/A
sodium xylene sulfonate	Rights of way	0.05	N/A	N/A	N/A
sorbitan trioleate	Rights of way	23.98	N/A	N/A	N/A
sorbitol	Almond	0.75	1	17.6	A
spinosad	Cauliflower	0.56	5	16.0	A
spinosad	Landscape maintenance	0.11	N/A	N/A	N/A
spinosad	Lettuce, leaf	0.29	4	13.0	A
spinosad	Olive	0.07	26	176.7	A
spinosad	Public health	63.76	N/A	N/A	N/A
spinosad	Research commodity	0.02	N/A	N/A	N/A
spinosad	Rights of way	4.55	N/A	N/A	N/A
spinosad	Structural pest control	<0.01	N/A	N/A	N/A
spiromesifen	Landscape maintenance	0.01	N/A	N/A	N/A
spirotriamat	Grape, wine	229.48	259	1,816.13	A
spirotriamat	Landscape maintenance	0.01	N/A	N/A	N/A
streptomyces lydicus wyec 108	Industrial hemp	<0.01	48	251,860.0	S
streptomyces lydicus wyec 108	Industrial hemp	<0.01	6	17,000.0	U
streptomyces lydicus wyec 108	Landscape maintenance	<0.01	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
streptomycin sulfate	Landscape maintenance	0.06	N/A	N/A	N/A
strychnine	Landscape maintenance	1.74	N/A	N/A	N/A
strychnine	Structural pest control	0.02	N/A	N/A	N/A
sulfaquinoxaline	Structural pest control	0.01	N/A	N/A	N/A
sulfentrazone	Landscape maintenance	3.57	N/A	N/A	N/A
sulfentrazone	Regulatory pest control	0.65	N/A	N/A	N/A
sulfentrazone	Rights of way	9.44	N/A	N/A	N/A
sulfluramid	Structural pest control	<0.01	N/A	N/A	N/A
sulfometuron-methyl	Landscape maintenance	18.26	N/A	N/A	N/A
sulfometuron-methyl	Regulatory pest control	1.41	N/A	N/A	N/A
sulfometuron-methyl	Rights of way	191.82	N/A	N/A	N/A
sulfur	Grape, wine	21,244.78	434	5,480.03	A
sulfur	Industrial hemp	7.05	4	21,000.0	S
sulfur	Landscape maintenance	9.88	N/A	N/A	N/A
sulfur	Regulatory pest control	3.35	N/A	N/A	N/A
sulfur	Structural pest control	7.02	N/A	N/A	N/A
sulfur dioxide	Fumigation, other	167.9	N/A	N/A	N/A
sulfuryl fluoride	Fumigation, other	631.73	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
sulfuryl fluoride	Structural pest control	62,505.39	N/A	N/A	N/A
tall oil	Grape, wine	11.18	34	369.22	A
tall oil	Landscape maintenance	1.19	N/A	N/A	N/A
tall oil fatty acids	Alfalfa	2.76	2	340.0	A
tall oil fatty acids	Almond	10.09	1	236.84	A
tall oil fatty acids	Grape, wine	25.96	94	255.49	A
tall oil fatty acids	Landscape maintenance	5.67	N/A	N/A	N/A
tall oil fatty acids	Rights of way	16.22	N/A	N/A	N/A
tall oil fatty acids	Structural pest control	0.69	N/A	N/A	N/A
tebuconazole	Golf course turf	21.59	N/A	22.0	A
tebuconazole	Grape, wine	435.04	362	3,932.54	A
tebuconazole	Landscape maintenance	38.76	N/A	N/A	N/A
tebuconazole	Pistachio	13.27	2	128.0	A
tebuthiuron	Rights of way	61.43	N/A	N/A	N/A
tetrachloroethylene	Structural pest control	0.5	N/A	N/A	N/A
tetraconazole	Grape, wine	4.31	22	134.25	A
z,e-9,12-tetradecadien-1-yl acetate	Structural pest control	3.35	N/A	N/A	N/A
tetramethrin	Landscape maintenance	<0.01	N/A	N/A	N/A
tetramethrin	Public health	0.02	N/A	N/A	N/A
tetramethrin	Structural pest control	0.64	N/A	N/A	N/A
alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	Grape, wine	0.05	6	0.9	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	Landscape maintenance	9.23	N/A	N/A	N/A
alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	Rights of way	0.2	N/A	N/A	N/A
tetrapotassium pyrophosphate	Grape, wine	0.01	6	0.9	A
tetrapotassium pyrophosphate	Landscape maintenance	1.21	N/A	N/A	N/A
tetrapotassium pyrophosphate	Rights of way	0.03	N/A	N/A	N/A
thiamethoxam	Grape, wine	1.31	5	16.3	A
thiamethoxam	Structural pest control	0.32	N/A	N/A	N/A
thiophanate-methyl	Almond	455.34	3	608.38	A
thiophanate-methyl	Golf course turf	55.04	N/A	6.59	A
thiophanate-methyl	Grape, wine	39.98	5	39.08	A
thiophanate-methyl	Landscape maintenance	255.17	N/A	N/A	N/A
thiophanate-methyl	N-outdr plants in containers	1.67	5	5.0	A
thyme	Structural pest control	<0.01	N/A	N/A	N/A
thyme oil	Structural pest control	0.02	N/A	N/A	N/A
topramezone	Golf course turf	0.11	N/A	3.6	A
topramezone	Golf course turf	0.01	N/A	25,000.0	S
topramezone	Landscape maintenance	0.17	N/A	N/A	N/A
triadimefon	Golf course turf	10.15	N/A	7.5	A
triadimefon	Landscape maintenance	8.21	N/A	N/A	N/A
trichlorfon	Structural pest control	2.6	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
trichlorofluoromethane	Structural pest control	0.31	N/A	N/A	N/A
trichloro-s-triazinetrione	Landscape maintenance	517.03	N/A	N/A	N/A
trichoderma harzianum rifai strain krl-ag2	Industrial hemp	0.29	9	90,000.0	S
trichoderma icc 012 asperellum	Industrial hemp	0.09	1	4,300.0	S
trichoderma icc 080 gamsii	Industrial hemp	0.09	1	4,300.0	S
triclopyr, butoxyethyl ester	Golf course turf	4.74	N/A	4.23	A
triclopyr, butoxyethyl ester	Golf course turf	1.57	N/A	36,000.0	S
triclopyr, butoxyethyl ester	Landscape maintenance	965.71	N/A	N/A	N/A
triclopyr, butoxyethyl ester	Pastureland	1.62	7	216,500.0	S
triclopyr, butoxyethyl ester	Public health	16.01	N/A	N/A	N/A
triclopyr, butoxyethyl ester	Regulatory pest control	20.36	N/A	N/A	N/A
triclopyr, butoxyethyl ester	Rights of way	1,235.96	N/A	N/A	N/A
triclopyr choline	Landscape maintenance	95.1	N/A	N/A	N/A
triclopyr choline	Rights of way	490.1	N/A	N/A	N/A
triclopyr, triethylamine salt	Landscape maintenance	52.46	N/A	N/A	N/A
triclopyr, triethylamine salt	Rights of way	358.1	N/A	N/A	N/A
triethanolamine	Almond	1.36	1	17.6	A
triethanolamine	Grape, wine	0.02	6	0.9	A
triethanolamine	Landscape maintenance	3.09	N/A	N/A	N/A
triethanolamine	Rights of way	0.07	N/A	N/A	N/A
trifloxystrobin	Golf course turf	4.56	N/A	18.0	A
trifloxystrobin	Grape, wine	21.21	13	192.65	A
trifloxystrobin	Landscape maintenance	12.29	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
trifloxystrobin	Regulatory pest control	<0.01	N/A	N/A	N/A
trifloxystrobin	Research commodity	0.01	N/A	N/A	N/A
triflumizole	Grape, wine	105.41	28	481.0	A
triflumizole	Regulatory pest control	<0.01	N/A	N/A	N/A
trifluralin	Landscape maintenance	65.64	N/A	N/A	N/A
trifluralin	N-outdr plants in containers	12.1	15	15.0	A
trifluralin	Rights of way	262.54	N/A	N/A	N/A
alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	Grape, wine	46.87	58	363.4	A
alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	Landscape maintenance	12.96	N/A	N/A	N/A
trinexapac-ethyl	Golf course turf	92.31	N/A	729.0	A
trinexapac-ethyl	Landscape maintenance	137.41	N/A	N/A	N/A
triptolide	Structural pest control	<0.01	N/A	N/A	N/A
triticonazole	Landscape maintenance	1.85	N/A	N/A	N/A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Almond	270.12	13	2,334.76	A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Grape, wine	356.11	199	1,409.39	A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Landscape maintenance	47.15	N/A	N/A	N/A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Pistachio	64.09	5	376.0	A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Regulatory pest control	56.83	N/A	N/A	N/A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Rights of way	900.89	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
(s)-verbenone	Structural pest control	0.24	N/A	N/A	N/A
4-vinylcyclohexenediepoide	Structural pest control	<0.01	N/A	N/A	N/A
warfarin	Landscape maintenance	0.01	N/A	N/A	N/A
warfarin	Structural pest control	0.01	N/A	N/A	N/A
yucca schidigera	Landscape maintenance	6.08	N/A	N/A	N/A
yucca schidigera	Regulatory pest control	12.66	N/A	N/A	N/A
yucca schidigera	Rights of way	2.41	N/A	N/A	N/A
zinc phosphide	Landscape maintenance	2.93	N/A	N/A	N/A
zinc phosphide	Structural pest control	0.16	N/A	N/A	N/A
zinc phosphide	Vertebrate control	0.01	N/A	N/A	N/A