

2018 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	15.88	4	758.38	A
abamectin	Grape, wine	10.89	83	536.5	A
abamectin	Landscape maintenance	0.11	N/A	N/A	N/A
abamectin	N-outdr plants in containers	<0.01	1	1.0	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	Structural pest control	0.11	N/A	N/A	N/A
abamectin, other related	Structural pest control	<0.01	N/A	N/A	N/A
acephate	Landscape maintenance	11.01	N/A	N/A	N/A
acephate	N-outdr plants in containers	5.3	6	6.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
acephate	Regulatory pest control	0.18	N/A	N/A	N/A
acephate	Structural pest control	1,353.12	N/A	N/A	N/A
acequinocyl	Regulatory pest control	0.04	N/A	N/A	N/A
acetamiprid	Landscape maintenance	0.46	N/A	N/A	N/A
acetamiprid	Structural pest control	2.21	N/A	N/A	N/A
acibenzolar-s-methyl	Landscape maintenance	2.34	N/A	N/A	N/A
acrylic acid	Almond	157.17	7	1,288.38	A
acrylic acid	Grape, wine	26.09	334	1,539.69	A
acrylic acid	Olive	0.25	10	4.5	A
acrylic acid	Pistachio	21.22	4	260.0	A
alcohols, c12-c14, aliphatic	Rights of way	104.22	N/A	N/A	N/A
alkyl (50%c14, 40%c12, 10%c16) dimethylbenzyl ammonium chloride	Structural pest control	1.8	N/A	N/A	N/A
alkyl (60%c14, 30%c16, 5%c12, 5%c18) dimethylbenzyl ammonium chloride	Landscape maintenance	0.11	N/A	N/A	N/A
alkyl (60%c14, 30%c16, 5%c12, 5%c18) dimethylbenzyl ammonium chloride	Regulatory pest control	1.62	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	0.11	N/A	N/A	N/A
alkyl (68%c12, 32%c14) dimethylethylbenzyl ammonium chloride	Regulatory pest control	1.62	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

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Cabbage	0.07	1	2.0	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Grape, wine	0.42	1	7.0	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Rights of way	3.48	N/A	N/A	N/A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Squash, zucchini	0.05	1	0.2	A
alpha-alkyl (c9-c16)-omega-hydroxypoly(oxyethylene)	Almond	21.12	1	150.0	A
alpha-alkyl (c9-c16)-omega-hydroxypoly(oxyethylene)	Rights of way	3.48	N/A	N/A	N/A
alpha-alkyl (c10-c14)-omega-hydroxypoly(oxyethylene)	Grape, wine	0.26	3	22.03	A
alpha-alkyl (c10-c14)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	94.43	N/A	N/A	N/A
alpha-alkyl (c12-c16)-omega-hydroxypoly(oxyethylene)	Grape, wine	0.03	3	22.03	A
alpha-alkyl (c12-c16)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	11.73	N/A	N/A	N/A
alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	17.4	N/A	N/A	N/A
alkyl (c9-c11) oligomeric d-glucopyranoside	Rights of way	297.78	N/A	N/A	N/A
alkyl (c8,c10) polyglucoside	Grape, wine	2.86	34	69.59	A
alkyl (c8,c10) polyglucoside	Landscape maintenance	8.86	N/A	N/A	N/A
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	0.04	N/A	N/A	N/A
d-trans allethrin	Structural pest control	0.67	N/A	N/A	N/A
allyloxypolyethylene glycol acetate	Rights of way	0.08	N/A	N/A	N/A
aluminum phosphide	Almond	5.16	N/A	97,400.0	C
aluminum phosphide	Cotton	13.82	N/A	153,000.0	C
aluminum phosphide	Fumigation, other	1.2	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
aluminum phosphide	Grain	0.2	N/A	5,400.0	C
aluminum phosphide	Landscape maintenance	91.05	N/A	N/A	N/A
aluminum phosphide	Vertebrate control	4.78	N/A	N/A	N/A
aminocyclopyrachlor	Landscape maintenance	0.59	N/A	N/A	N/A
aminocyclopyrachlor, potassium salt	Rights of way	11.44	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Landscape maintenance	78.44	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Rights of way	400.82	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Uncultivated ag	5.23	14	504,030.0	S
4-aminopyridine	Structural pest control	0.1	N/A	N/A	N/A
ammonium nonanoate	Landscape maintenance	113.7	N/A	N/A	N/A
ammonium nitrate	Grape, wine	0.05	1	7.0	A
ammonium nitrate	Landscape maintenance	3.35	N/A	N/A	N/A
ammonium nitrate	Rights of way	0.45	N/A	N/A	N/A
ammonium propionate	Rights of way	14.61	N/A	N/A	N/A
ammonium sulfate	Alfalfa	30.94	2	360.0	A
ammonium sulfate	Almond	193.37	2	350.0	A
ammonium sulfate	Grape, wine	8.66	36	78.38	A
ammonium sulfate	Landscape maintenance	6.7	N/A	N/A	N/A
ammonium sulfate	Rights of way	14.75	N/A	N/A	N/A
ammonium sulfate	Wheat	26.31	1	170.0	A
aspergillus flavus strain af36	Pistachio	0.01	1	120.0	A
azadirachtin	Grape, wine	0.06	2	3.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
azadirachtin	Landscape maintenance	0.08	N/A	N/A	N/A
azadirachtin	N-grnhs transplants	1.95	23	92,596.0	S
azadirachtin	Regulatory pest control	<0.01	N/A	N/A	N/A
azadirachtin	Structural pest control	0.01	N/A	N/A	N/A
azoxystrobin	Almond	157.69	4	758.38	A
azoxystrobin	Golf course turf	2.5	N/A	4.59	A
azoxystrobin	Grape, wine	1.36	1	6.0	A
azoxystrobin	Landscape maintenance	60.84	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	26.25	N/A	N/A	N/A
bacillus pumilus, strain qst 2808	Grape, wine	0.18	1	1.2	A
bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins	Public health	220.85	N/A	N/A	N/A
bacillus subtilis gb03	Landscape maintenance	<0.01	N/A	N/A	N/A
bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	Landscape maintenance	0.01	N/A	N/A	N/A
bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	Public health	81.15	N/A	N/A	N/A
bacillus thuringiensis, subsp. israelensis, strain am 65-52	N-grnhs transplants	13.0	6	23,484.0	S
bacillus thuringiensis, subsp. israelensis, strain am 65-52	Public health	358.97	N/A	N/A	N/A
bacillus thuringiensis, subsp. israelensis, strain am 65-52	Research commodity	4.19	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	Cabbage	1.35	3	5.0	A
bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	Cauliflower	0.54	1	2.0	A
bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	Landscape maintenance	31.03	N/A	N/A	N/A
bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	N-grnhs transplants	0.01	1	250.0	S
beauveria bassiana strain gha	Industrial hemp	0.05	2	4,140.0	S
beauveria bassiana strain gha	N-grnhs transplants	8.58	57	202,107.0	S
beauveria bassiana strain gha	N-grnhs transplants	6.61	30	30,911.0	U
benefin	Landscape maintenance	1.71	N/A	N/A	N/A
bensulide	Landscape maintenance	25.58	N/A	N/A	N/A
benzoic acid	Grape, wine	0.22	6	58.28	A
benzoic acid	Oat (forage - fodder)	1.41	4	260.0	A
benzoic acid	Olive	0.32	1	15.0	A
benzoic acid	Rights of way	0.06	N/A	N/A	N/A
benzoic acid	Wheat (forage - fodder)	0.11	1	20.0	A
bifenazate	Landscape maintenance	0.16	N/A	N/A	N/A
bifenazate	Regulatory pest control	0.02	N/A	N/A	N/A
bifenazate	Research commodity	0.13	6	14,400.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
bifenazate	Research commodity	0.07	N/A	N/A	N/A
bifenazate	Structural pest control	0.25	N/A	N/A	N/A
bifenthrin	Almond	150.32	4	758.38	A
bifenthrin	Landscape maintenance	34.54	N/A	N/A	N/A
bifenthrin	Pistachio	27.99	3	140.0	A
bifenthrin	Regulatory pest control	0.02	N/A	N/A	N/A
bifenthrin	Structural pest control	1,925.95	N/A	N/A	N/A
n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	Almond	2.33	2	222.0	A
n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	Grape, wine	9.68	227	1,432.09	A
n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	Olive	2.82	4	39.0	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	N-grnhs flower	0.4	N/A	20.0	A
borax	Landscape maintenance	0.11	N/A	N/A	N/A
borax	Rights of way	38.06	N/A	N/A	N/A
borax	Structural pest control	17.78	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
boric acid	Landscape maintenance	0.03	N/A	N/A	N/A
boric acid	Regulatory pest control	0.14	N/A	N/A	N/A
boric acid	Structural pest control	2,114.11	N/A	N/A	N/A
boscalid	Grape, wine	206.41	224	1,336.2	A
boscalid	Landscape maintenance	<0.01	N/A	N/A	N/A
boscalid	N-outdr plants in containers	0.13	1	1.0	A
boscalid	Pistachio	26.46	3	140.0	A
brodifacoum	Landscape maintenance	0.01	N/A	N/A	N/A
brodifacoum	Public health	<0.01	N/A	N/A	N/A
brodifacoum	Structural pest control	0.11	N/A	N/A	N/A
bromacil	Grape, wine	8.78	1	18.75	A
bromacil	Landscape maintenance	2.0	N/A	N/A	N/A
bromacil	Rights of way	479.06	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	Regulatory pest control	<0.01	N/A	N/A	N/A
bromadiolone	Structural pest control	1.0	N/A	N/A	N/A
bromadiolone	Vertebrate control	0.01	N/A	N/A	N/A
bromethalin	Landscape maintenance	0.03	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
bromethalin	Public health	<0.01	N/A	N/A	N/A
bromethalin	Regulatory pest control	0.01	N/A	N/A	N/A
bromethalin	Structural pest control	0.11	N/A	N/A	N/A
bromethalin	Vertebrate control	<0.01	N/A	N/A	N/A
1-bromo-3-chloro-5,5-dimethyl hydantoin	Water (industrial)	249.7	N/A	4.0	A
1-bromo-3-chloro-5,5-dimethyl hydantoin	Water (industrial)	127.38	N/A	51.0	U
bromoxynil heptanoate	Wheat (forage - fodder)	13.76	1	80.0	A
bromoxynil octanoate	Barley (forage - fodder)	20.33	2	38.0	A
bromoxynil octanoate	Wheat (forage - fodder)	115.46	4	269.0	A
buprofezin	Regulatory pest control	0.36	N/A	N/A	N/A
burkholderia sp strain a396 cells and fermentation media	Industrial hemp	1.01	1	2,070.0	S
burkholderia sp strain a396 cells and fermentation media	N-grnhs transplants	13.72	7	46,300.0	S
2-butoxyethanol	Rights of way	268.0	N/A	N/A	N/A
butyl alcohol	Grape, wine	2.78	12	30.5	A
butyl alcohol	Landscape maintenance	0.19	N/A	N/A	N/A
butyl alcohol	Oat (forage - fodder)	3.5	4	260.0	A
butyl alcohol	Pastureland	1.24	1	120.0	A
butyl alcohol	Rights of way	0.41	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
butyl alcohol	Wheat (forage - fodder)	0.31	1	20.0	A
calcium hypochlorite	Landscape maintenance	3,933.8	N/A	N/A	N/A
canola oil	Structural pest control	1.5	N/A	N/A	N/A
capric acid	Landscape maintenance	53.76	N/A	N/A	N/A
capric acid	Rights of way	15.53	N/A	N/A	N/A
caprylic acid	Landscape maintenance	78.96	N/A	N/A	N/A
caprylic acid	Rights of way	22.81	N/A	N/A	N/A
capsicum oleoresin	Structural pest control	<0.01	N/A	N/A	N/A
captan	Landscape maintenance	0.48	N/A	N/A	N/A
captan, other related	Landscape maintenance	0.03	N/A	N/A	N/A
carbaryl	Golf course turf	32.67	N/A	76.0	A
carbo methoxy ether cellulose, sodium salt	Industrial hemp	0.01	2	4,140.0	S
carbon	Landscape maintenance	17.54	N/A	N/A	N/A
carbon	Rangeland	1.75	1	20.0	A
carbon	Structural pest control	2.37	N/A	N/A	N/A
carbon	Vertebrate control	49.89	N/A	N/A	N/A
carboxin	Landscape maintenance	0.5	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
carfentrazone-ethyl	Golf course turf	3.22	N/A	57.77	A
carfentrazone-ethyl	Golf course turf	0.05	N/A	80,000.0	S
carfentrazone-ethyl	Grape, wine	20.34	357	1,567.7	A
carfentrazone-ethyl	Landscape maintenance	15.75	N/A	N/A	N/A
carfentrazone-ethyl	Oat (forage - fodder)	3.81	4	260.0	A
carfentrazone-ethyl	Olive	0.15	10	4.5	A
carfentrazone-ethyl	Pastureland	3.5	1	120.0	A
carfentrazone-ethyl	Rights of way	0.14	N/A	N/A	N/A
carfentrazone-ethyl	Wheat	2.49	1	170.0	A
carfentrazone-ethyl	Wheat (forage - fodder)	0.49	3	31.0	A
castor oil ethoxylate	Grape, wine	6.11	22	145.02	A
chenopodium ambrosiodes near ambrosiodes	Grape, wine	4.15	3	44.25	A
chlorantraniliprole	Almond	43.13	3	530.0	A
chlorantraniliprole	Golf course turf	15.88	N/A	111.0	A
chlorantraniliprole	Landscape maintenance	6.86	N/A	N/A	N/A
chlorantraniliprole	Structural pest control	101.5	N/A	N/A	N/A
chlorfenapyr	Regulatory pest control	0.2	N/A	N/A	N/A
chlorfenapyr	Research commodity	0.04	N/A	N/A	N/A
chlorfenapyr	Structural pest control	133.63	N/A	N/A	N/A
chlorflurenol, methyl ester	Landscape maintenance	4.62	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
chlorine dioxide	Structural pest control	<0.01	N/A	N/A	N/A
5-chloro-2-methyl-4-isothiazolin-3-one	Water (industrial)	1.8	N/A	3.0	A
5-chloro-2-methyl-4-isothiazolin-3-one	Water (industrial)	2.26	N/A	192.0	U
chlorophacinone	Landscape maintenance	0.02	N/A	N/A	N/A
chlorophacinone	Rights of way	0.28	N/A	N/A	N/A
chlorophacinone	Structural pest control	<0.01	N/A	N/A	N/A
chloropicrin	Structural pest control	32.92	N/A	N/A	N/A
chlorothalonil	Golf course turf	581.94	N/A	52.06	A
chlorothalonil	Golf course turf	15.09	N/A	80,000.0	S
chlorothalonil	Landscape maintenance	1,885.83	N/A	N/A	N/A
chlorothalonil	N-outdr flower	12.36	2	33.0	A
chlorothalonil	N-outdr plants in containers	1.44	1	1.0	A
chlorpyrifos	Structural pest control	31.89	N/A	N/A	N/A
chlorsulfuron	Landscape maintenance	6.45	N/A	N/A	N/A
chlorsulfuron	Rights of way	11.64	N/A	N/A	N/A
cholecalciferol	Landscape maintenance	0.01	N/A	N/A	N/A
cholecalciferol	Structural pest control	1.19	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
chromobacterium subtsugae strain praa4-1	Industrial hemp	0.13	2	4,140.0	S
chromobacterium subtsugae strain praa4-1	N-grnhs transplants	0.23	2	11,300.0	S
citric acid	Alfalfa	4.13	2	360.0	A
citric acid	Grape, wine	0.06	3	22.03	A
citric acid	Landscape maintenance	22.55	N/A	N/A	N/A
citric acid	Rights of way	7.31	N/A	N/A	N/A
citric acid	Wheat	3.51	1	170.0	A
clarified hydrophobic extract of neem oil	Industrial hemp	69.28	9	102,500.0	S
clarified hydrophobic extract of neem oil	Landscape maintenance	1.2	N/A	N/A	N/A
clarified hydrophobic extract of neem oil	Research commodity	1.1	4	12,600.0	S
clethodim	Landscape maintenance	0.1	N/A	N/A	N/A
clethodim	Rights of way	2.11	N/A	N/A	N/A
clopyralid	Landscape maintenance	0.07	N/A	N/A	N/A
clopyralid, monoethanolamine salt	Landscape maintenance	26.54	N/A	N/A	N/A
clopyralid, monoethanolamine salt	Pastureland	29.67	1	120.0	A
clopyralid,triethylamine salt	Golf course turf	0.86	N/A	3.5	A
clopyralid,triethylamine salt	Golf course turf	0.08	N/A	16,000.0	S
clopyralid,triethylamine salt	Landscape maintenance	14.43	N/A	N/A	N/A
clothianidin	Golf course turf	5.1	N/A	16.25	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
clothianidin	Landscape maintenance	4.06	N/A	N/A	N/A
clothianidin	Regulatory pest control	<0.01	N/A	N/A	N/A
clothianidin	Rights of way	0.5	N/A	N/A	N/A
clothianidin	Structural pest control	8.16	N/A	N/A	N/A
coconut diethanolamide	Grape, wine	<0.01	2	0.3	A
coconut diethanolamide	Landscape maintenance	1.79	N/A	N/A	N/A
coconut diethanolamide	Rights of way	0.14	N/A	N/A	N/A
copper ammonium carbonate	Landscape maintenance	0.02	N/A	N/A	N/A
copper diammonium diacetate complex	Landscape maintenance	5.37	N/A	N/A	N/A
copper ethanolamine complexes, mixed	Landscape maintenance	259.88	N/A	N/A	N/A
copper ethanolamine complexes, mixed	Water area	433.72	N/A	67.65	A
copper ethylenediamine complex	Landscape maintenance	194.51	N/A	N/A	N/A
copper hydroxide	Grape, wine	466.21	43	732.7	A
copper hydroxide	Landscape maintenance	1.72	N/A	N/A	N/A
copper hydroxide	N-outdr plants in containers	8.54	7	7.0	A
copper hydroxide	Rights of way	2.71	N/A	N/A	N/A
copper naphthenate	Structural pest control	0.04	N/A	N/A	N/A
copper octanoate	N-outdr plants in containers	1.75	2	2.0	A
copper octanoate	Regulatory pest control	0.61	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
copper octanoate	Research commodity	<0.01	N/A	N/A	N/A
copper oxychloride	Grape, wine	16.21	6	21.5	A
copper oxychloride	Landscape maintenance	1.57	N/A	N/A	N/A
copper salts of fatty and rosin acids	Research commodity	0.05	N/A	N/A	N/A
copper sulfate (pentahydrate)	Landscape maintenance	65.96	N/A	N/A	N/A
copper sulfate (pentahydrate)	Water area	16.46	N/A	8.8	A
copper triethanolamine complex	Landscape maintenance	219.56	N/A	N/A	N/A
cyantraniliprole	Landscape maintenance	0.06	N/A	N/A	N/A
cyantraniliprole	Research commodity	<0.01	N/A	N/A	N/A
cyflufenamid	Grape, wine	4.11	6	179.0	A
cyflumetofen	Regulatory pest control	0.13	N/A	N/A	N/A
cyfluthrin	Regulatory pest control	0.01	N/A	N/A	N/A
cyfluthrin	Research commodity	0.17	N/A	N/A	N/A
cyfluthrin	Structural pest control	205.37	N/A	N/A	N/A
beta-cyfluthrin	Landscape maintenance	0.19	N/A	N/A	N/A
beta-cyfluthrin	Rights of way	0.13	N/A	N/A	N/A
beta-cyfluthrin	Structural pest control	167.84	N/A	N/A	N/A
cypermethrin	Landscape maintenance	0.05	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
cypermethrin	Structural pest control	4.82	N/A	N/A	N/A
(s)-cypermethrin	Structural pest control	0.62	N/A	N/A	N/A
cyprodinil	Grape, wine	325.63	163	1,029.47	A
2,4-d	Landscape maintenance	19.36	N/A	N/A	N/A
2,4-d, diethanolamine salt	Golf course turf	19.6	N/A	13.5	A
2,4-d, dimethylamine salt	Almond	218.04	1	200.0	A
2,4-d, dimethylamine salt	Landscape maintenance	10.36	N/A	N/A	N/A
2,4-d, dimethylamine salt	Pastureland	4.25	1	15.0	A
2,4-d, dimethylamine salt	Rights of way	20.35	N/A	N/A	N/A
2,4-d, dimethylamine salt	Wheat	7.66	2	10.0	A
2,4-d, dimethylamine salt	Wheat (forage - fodder)	3.39	1	5.0	A
2,4-d, 2-ethylhexyl ester	Golf course turf	0.93	N/A	80,000.0	S
2,4-d, 2-ethylhexyl ester	Landscape maintenance	240.14	N/A	N/A	N/A
2,4-d, 2-ethylhexyl ester	Rights of way	2.67	N/A	N/A	N/A
2,4-d, isooctyl ester	Grape, wine	15.69	1	18.75	A
2,4-d, isooctyl ester	Landscape maintenance	0.07	N/A	N/A	N/A
2,4-d, isooctyl ester	Rights of way	1.18	N/A	N/A	N/A
2,4-d, triisopropanolamine salt	Landscape maintenance	23.39	N/A	N/A	N/A
2,4-d, triisopropylamine salt	Golf course turf	200.69	N/A	80.0	A
ddvp	Commodity fumigation	36.8	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
ddvp	Food processing plant	4.05	N/A	1,999,998.0	C
ddvp	Fumigation, other	33.8	N/A	N/A	N/A
ddvp	Regulatory pest control	0.04	N/A	N/A	N/A
ddvp	Structural pest control	0.15	N/A	N/A	N/A
ddvp, other related	Regulatory pest control	<0.01	N/A	N/A	N/A
ddvp, other related	Structural pest control	0.01	N/A	N/A	N/A
deltamethrin	Landscape maintenance	0.02	N/A	N/A	N/A
deltamethrin	Public health	<0.01	N/A	N/A	N/A
deltamethrin	Regulatory pest control	7.18	N/A	N/A	N/A
deltamethrin	Structural pest control	104.53	N/A	N/A	N/A
dextrin	Landscape maintenance	0.02	N/A	N/A	N/A
diatomaceous earth	Structural pest control	164.71	N/A	N/A	N/A
diatomaceous earth, other related	Structural pest control	<0.01	N/A	N/A	N/A
diazinon	Structural pest control	0.29	N/A	N/A	N/A
2,2-dibromo-3-nitrilopropionamide	Water (industrial)	203.63	N/A	2.0	A
2,2-dibromo-3-nitrilopropionamide	Water (industrial)	11.76	N/A	384.0	U

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
dicamba	Golf course turf	9.75	N/A	80.0	A
dicamba	Golf course turf	0.06	N/A	80,000.0	S
dicamba	Landscape maintenance	18.01	N/A	N/A	N/A
dicamba	Rights of way	0.17	N/A	N/A	N/A
dicamba, dimethylamine salt	Golf course turf	1.58	N/A	13.5	A
dicamba, dimethylamine salt	Landscape maintenance	5.21	N/A	N/A	N/A
dicamba, dimethylamine salt	Rights of way	14.44	N/A	N/A	N/A
dichlobenil	Rights of way	4,732.39	N/A	N/A	N/A
1,3-dichloro-5,5-dimethylhydantoin	Water (industrial)	128.55	N/A	4.0	A
1,3-dichloro-5,5-dimethylhydantoin	Water (industrial)	43.35	N/A	2.0	U
1,3-dichloro-5-ethyl-5-methylhydantoin	Water (industrial)	66.25	N/A	4.0	A
1,3-dichloro-5-ethyl-5-methylhydantoin	Water (industrial)	23.85	N/A	2.0	U
didecyl dimethyl ammonium chloride	Structural pest control	0.53	N/A	N/A	N/A
diethylene glycol	Almond	10.55	2	225.0	A
diethylene glycol	Grape, wine	515.9	303	4,021.3	A
diethylene glycol	Landscape maintenance	63.18	N/A	N/A	N/A
diethylene glycol	Rights of way	174.97	N/A	N/A	N/A
difenoconazole	Grape, wine	91.87	155	843.22	A
difenoconazole	Landscape maintenance	4.08	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
difethialone	Regulatory pest control	<0.01	N/A	N/A	N/A
difethialone	Structural pest control	0.27	N/A	N/A	N/A
diflubenzuron	Research commodity	0.01	N/A	N/A	N/A
diflubenzuron	Structural pest control	<0.01	N/A	N/A	N/A
diglycolamine salt of 3,6-dichloro-o-anisic acid	Landscape maintenance	1.42	N/A	N/A	N/A
diglycolamine salt of 3,6-dichloro-o-anisic acid	Rights of way	37.39	N/A	N/A	N/A
dikegulac sodium	Landscape maintenance	47.61	N/A	N/A	N/A
dikegulac sodium	Rights of way	22.34	N/A	N/A	N/A
dimethenamid-p	Landscape maintenance	0.26	N/A	N/A	N/A
dimethoate	Landscape maintenance	0.19	N/A	N/A	N/A
dimethyl alkyl tertiary amines	Grape, wine	0.24	6	58.28	A
dimethyl alkyl tertiary amines	Oat (forage - fodder)	1.53	4	260.0	A
dimethyl alkyl tertiary amines	Olive	0.35	1	15.0	A
dimethyl alkyl tertiary amines	Rights of way	0.06	N/A	N/A	N/A
dimethyl alkyl tertiary amines	Wheat (forage - fodder)	0.12	1	20.0	A
dimethyl and methyl naphthalene sulfonic acid, sodium salt	N-outdr plants in containers	0.81	2	2.0	A
dimethylpolysiloxane	Alfalfa	0.14	1	180.0	A
dimethylpolysiloxane	Almond	10.71	9	1,513.38	A
dimethylpolysiloxane	Cucumber	0.05	1	0.2	A
dimethylpolysiloxane	Grape, wine	9.32	692	6,519.2	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
dimethylpolysiloxane	Landscape maintenance	0.9	N/A	N/A	N/A
dimethylpolysiloxane	Oat (forage - fodder)	0.04	4	260.0	A
dimethylpolysiloxane	Olive	0.02	10	4.5	A
dimethylpolysiloxane	Pastureland	0.01	1	120.0	A
dimethylpolysiloxane	Pistachio	1.88	5	303.64	A
dimethylpolysiloxane	Rights of way	1.96	N/A	N/A	N/A
dimethylpolysiloxane	Wheat	0.06	1	170.0	A
dimethylpolysiloxane	Wheat (forage - fodder)	<0.01	1	20.0	A
dimethyl silicone fluid emulsion	Rights of way	0.85	N/A	N/A	N/A
dinotefuran	Landscape maintenance	32.83	N/A	N/A	N/A
dinotefuran	Research commodity	0.09	N/A	N/A	N/A
dinotefuran	Rights of way	3.03	N/A	N/A	N/A
dinotefuran	Structural pest control	396.22	N/A	N/A	N/A
dioctyl dimethyl ammonium chloride	Structural pest control	0.45	N/A	N/A	N/A
dioctyl dimethyl ammonium chloride	Water (industrial)	283.88	N/A	9.0	A
diphacinone	Grape, wine	0.01	28	71.51	A
diphacinone	Landscape maintenance	0.33	N/A	N/A	N/A
diphacinone	Olive	0.01	1	10.0	A
diphacinone	Public health	<0.01	N/A	N/A	N/A
diphacinone	Rangeland	<0.01	2	100.5	A
diphacinone	Structural pest control	0.04	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
diphacinone	Uncultivated ag	<0.01	8	212.0	A
diphacinone	Vertebrate control	3.17	N/A	N/A	N/A
diphacinone, sodium salt	Grape, wine	0.01	16	21.37	A
diphacinone, sodium salt	Structural pest control	0.02	N/A	N/A	N/A
diquat dibromide	Landscape maintenance	645.42	N/A	N/A	N/A
diquat dibromide	Rights of way	766.47	N/A	N/A	N/A
diquat dibromide	Water area	456.82	N/A	39.0	A
disodium octaborate tetrahydrate	Landscape maintenance	0.21	N/A	N/A	N/A
disodium octaborate tetrahydrate	Structural pest control	11,626.78	N/A	N/A	N/A
disulfoton	Landscape maintenance	0.72	N/A	N/A	N/A
dithiopyr	Golf course turf	89.02	N/A	52.0	A
dithiopyr	Golf course turf	0.02	N/A	4,000.0	S
dithiopyr	Landscape maintenance	376.77	N/A	N/A	N/A
dithiopyr	N-outdr plants in containers	0.27	4	4.0	A
dithiopyr	Rights of way	238.73	N/A	N/A	N/A
diuron	Landscape maintenance	56.02	N/A	N/A	N/A
diuron	Rights of way	11.45	N/A	N/A	N/A
dodecyl ammonium methanearsonate	Landscape maintenance	0.11	N/A	N/A	N/A
dodecylbenzene sulfonic acid	Grape, wine	0.01	2	0.3	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
dodecylbenzene sulfonic acid	Landscape maintenance	7.75	N/A	N/A	N/A
dodecylbenzene sulfonic acid	N-outdr plants in containers	0.78	2	2.0	A
dodecylbenzene sulfonic acid	Rights of way	0.59	N/A	N/A	N/A
edta, tetrasodium salt	Grape, wine	<0.01	2	0.3	A
edta, tetrasodium salt	Landscape maintenance	1.05	N/A	N/A	N/A
edta, tetrasodium salt	Rights of way	0.04	N/A	N/A	N/A
emamectin benzoate	Landscape maintenance	0.13	N/A	N/A	N/A
endothall, dipotassium salt	Landscape maintenance	10.58	N/A	N/A	N/A
endothall, mono [n,n-dimethyl alkylamine] salt	Water area	13.47	N/A	3.85	A
esfenvalerate	Landscape maintenance	0.01	N/A	N/A	N/A
esfenvalerate	Regulatory pest control	0.03	N/A	N/A	N/A
esfenvalerate	Structural pest control	19.43	N/A	N/A	N/A
ethephon	Golf course turf	116.98	N/A	34.0	A
ethephon	Landscape maintenance	430.05	N/A	N/A	N/A
etofenprox	Public health	0.01	N/A	N/A	N/A
etofenprox	Regulatory pest control	0.08	N/A	N/A	N/A
etofenprox	Structural pest control	7.56	N/A	N/A	N/A
ethofumesate	Landscape maintenance	62.5	N/A	N/A	N/A
etoxazole	Grape, wine	36.89	31	273.71	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
etoxazole	Regulatory pest control	0.01	N/A	N/A	N/A
fatty acids, mixed	Almond	18.78	2	225.0	A
fatty acids, mixed	Grape, wine	362.19	263	3,212.51	A
fatty acids, mixed	Landscape maintenance	4.26	N/A	N/A	N/A
fatty acids, mixed	Rights of way	138.25	N/A	N/A	N/A
fatty acids, c16-c18 and c18-unsaturated, methyl esters	Water area	5.4	N/A	12.0	A
fatty acids derived from tallow	Landscape maintenance	6.96	N/A	N/A	N/A
fenoxy carb	Structural pest control	0.01	N/A	N/A	N/A
fenpyroximate	Grape, wine	0.3	1	2.95	A
fenpyroximate	Regulatory pest control	0.01	N/A	N/A	N/A
ferric sodium edta	Landscape maintenance	5.7	N/A	N/A	N/A
fipronil	Landscape maintenance	0.02	N/A	N/A	N/A
fipronil	Public health	<0.01	N/A	N/A	N/A
fipronil	Regulatory pest control	0.12	N/A	N/A	N/A
fipronil	Rights of way	<0.01	N/A	N/A	N/A
fipronil	Structural pest control	5,837.28	N/A	N/A	N/A
flonicamid	Landscape maintenance	0.01	N/A	N/A	N/A
flonicamid	N-grnhs transplants	0.01	5	5,460.0	S
flonicamid	Regulatory pest control	0.08	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
flonicamid	Research commodity	0.09	N/A	N/A	N/A
fluazifop-butyl	Landscape maintenance	0.03	N/A	N/A	N/A
fluazifop-p-butyl	Golf course turf	0.23	N/A	35,500.0	S
fluazifop-p-butyl	Landscape maintenance	4.82	N/A	N/A	N/A
fluazifop-p-butyl	Rights of way	0.33	N/A	N/A	N/A
fluazifop-p-butyl	Uncultivated ag	0.25	1	1.0	A
fluazinam	Golf course turf	4.56	N/A	16.0	A
fluazinam	Landscape maintenance	36.22	N/A	N/A	N/A
fludioxonil	Golf course turf	6.19	N/A	11.5	A
fludioxonil	Grape, wine	38.72	5	177.0	A
fludioxonil	Landscape maintenance	31.65	N/A	N/A	N/A
fludioxonil	N-outdr plants in containers	0.13	1	1.0	A
flumioxazin	Grape, wine	112.32	91	551.31	A
flumioxazin	Landscape maintenance	25.39	N/A	N/A	N/A
fluopicolide	Landscape maintenance	0.05	N/A	N/A	N/A
fluopyram	Grape, wine	395.39	477	3,958.62	A
fluopyram	Pistachio	14.52	3	140.0	A
flupyradifurone	N-grnhs transplants	0.1	8	23,560.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
flupyradifurone	N-grnhs transplants	<0.01	1	9.0	U
flurecol-methyl	Landscape maintenance	1.1	N/A	N/A	N/A
fluridone	Landscape maintenance	1.93	N/A	N/A	N/A
fluridone	Water area	21.25	N/A	135.0	A
fluroxypyr, 1-methylheptyl ester	Landscape maintenance	2.32	N/A	N/A	N/A
flurprimidol	Golf course turf	7.55	N/A	36.72	A
flutolanil	Golf course turf	25.2	N/A	8.0	A
flutolanil	Landscape maintenance	32.25	N/A	N/A	N/A
tau-fluvalinate	Landscape maintenance	<0.01	N/A	N/A	N/A
tau-fluvalinate	Research commodity	0.21	N/A	N/A	N/A
tau-fluvalinate	Structural pest control	0.02	N/A	N/A	N/A
fluxapyroxad	Golf course turf	1.15	N/A	5.0	A
fluxapyroxad	Landscape maintenance	9.52	N/A	N/A	N/A
foramsulfuron	Landscape maintenance	5.17	N/A	N/A	N/A
foramsulfuron	Rights of way	0.12	N/A	N/A	N/A
fosetyl-al	Golf course turf	84.0	N/A	10.09	A
fosetyl-al	Landscape maintenance	72.5	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
free fatty acids and/or amine salts	Landscape maintenance	7.6	N/A	N/A	N/A
gamma-cyhalothrin	Landscape maintenance	<0.01	N/A	N/A	N/A
gamma-cyhalothrin	Structural pest control	888.09	N/A	N/A	N/A
garlic	Landscape maintenance	3.46	N/A	N/A	N/A
garlic	Rights of way	8.91	N/A	N/A	N/A
glufosinate-ammonium	Almond	117.45	1	200.0	A
glufosinate-ammonium	Grape, wine	1,018.68	177	980.45	A
glufosinate-ammonium	Landscape maintenance	12.29	N/A	N/A	N/A
glufosinate-ammonium	Olive	31.74	4	39.0	A
glufosinate-ammonium	Rights of way	16.51	N/A	N/A	N/A
glutaraldehyde	Ditch bank	47.04	N/A	1.0	U
glutaraldehyde	Water (industrial)	650.45	N/A	9.0	A
glutaraldehyde	Water (industrial)	723.68	N/A	19.0	U
glycerol	Alfalfa	22.59	2	360.0	A
glycerol	Olive	2.09	4	39.0	A
glycerol	Wheat	19.2	1	170.0	A
glyphosate	Landscape maintenance	36.43	N/A	N/A	N/A
glyphosate, dimethylamine salt	Rights of way	1,702.72	N/A	N/A	N/A
glyphosate, isopropylamine salt	Alfalfa	630.11	2	360.0	A
glyphosate, isopropylamine salt	Almond	224.81	1	150.0	A
glyphosate, isopropylamine salt	Golf course turf	0.94	N/A	12,000.0	S
glyphosate, isopropylamine salt	Grape, wine	1,483.15	381	1,860.94	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
glyphosate, isopropylamine salt	Landscape maintenance	8,865.41	N/A	N/A	N/A
glyphosate, isopropylamine salt	N-outdr flower	42.86	6	30.0	A
glyphosate, isopropylamine salt	Olive	90.36	14	43.5	A
glyphosate, isopropylamine salt	Pistachio	87.21	1	43.64	A
glyphosate, isopropylamine salt	Regulatory pest control	1.84	N/A	N/A	N/A
glyphosate, isopropylamine salt	Rights of way	13,020.77	N/A	N/A	N/A
glyphosate, isopropylamine salt	Strawberry	24.0	1	2.0	A
glyphosate, isopropylamine salt	Structural pest control	57.78	N/A	N/A	N/A
glyphosate, isopropylamine salt	Water area	32.4	N/A	3.9	A
glyphosate, monoammonium salt	Landscape maintenance	340.09	N/A	N/A	N/A
glyphosate, potassium salt	Golf course turf	2.24	N/A	0.25	A
glyphosate, potassium salt	Golf course turf	4.01	N/A	19,000.0	S
glyphosate, potassium salt	Grape, wine	1,562.06	74	571.14	A
glyphosate, potassium salt	Landscape maintenance	8,010.6	N/A	N/A	N/A
glyphosate, potassium salt	N-grnhs flower	11.03	N/A	10.0	A
glyphosate, potassium salt	Regulatory pest control	2.41	N/A	N/A	N/A
glyphosate, potassium salt	Rights of way	1,247.14	N/A	N/A	N/A
glyphosate, potassium salt	Structural pest control	0.26	N/A	N/A	N/A
halosulfuron-methyl	Landscape maintenance	0.54	N/A	N/A	N/A
heptamethyltrisiloxane ethoxylated	Grape, wine	28.87	31	273.71	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
heptamethyltrisiloxane ethoxylated	Landscape maintenance	2.45	N/A	N/A	N/A
heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	Alfalfa	12.15	3	540.0	A
heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	Broccoli	0.44	1	2.0	A
heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	Cabbage	0.44	1	2.0	A
heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	Cauliflower	0.44	1	2.0	A
heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	Cucumber	0.44	1	0.2	A
heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	Landscape maintenance	2.26	N/A	N/A	N/A
heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	Lettuce, leaf	0.88	2	2.0	A
heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	Squash, zucchini	0.05	1	0.2	A
heptyl butyrate	Structural pest control	0.01	N/A	N/A	N/A
(z)-9-hexadecenal	Structural pest control	0.05	N/A	N/A	N/A
hexaflumuron	Structural pest control	0.11	N/A	N/A	N/A
hexylene glycol	Rights of way	268.0	N/A	N/A	N/A
hexythiazox	Regulatory pest control	0.08	N/A	N/A	N/A
hydramethylnon	Landscape maintenance	0.01	N/A	N/A	N/A
hydramethylnon	Structural pest control	0.38	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
hydrogen chloride	Landscape maintenance	11.4	N/A	N/A	N/A
hydrogen peroxide	Grape, wine	2,480.02	373	2,377.83	A
hydrogen peroxide	Landscape maintenance	19,989.28	N/A	N/A	N/A
hydrogen peroxide	N-grnhs transplants	0.67	3	230.0	S
hydrogen peroxide	N-outdr plants in containers	1.24	1	1.0	A
hydrogen peroxide	Structural pest control	<0.01	N/A	N/A	N/A
hydrogen peroxide	Water area	10,955.76	N/A	96.4	A
hydroprene	Landscape maintenance	<0.01	N/A	N/A	N/A
hydroprene	Regulatory pest control	0.05	N/A	N/A	N/A
hydroprene	Structural pest control	66.61	N/A	N/A	N/A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	N-grnhs transplants	0.15	2	8,460.0	S
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Rights of way	0.26	N/A	N/A	N/A
imazamox, ammonium salt	Landscape maintenance	1.49	N/A	N/A	N/A
imazamox, ammonium salt	Rights of way	2.12	N/A	N/A	N/A
imazamox, ammonium salt	Water area	7.41	N/A	7.0	A
imazapyr, isopropylamine salt	Landscape maintenance	195.35	N/A	N/A	N/A
imazapyr, isopropylamine salt	Rights of way	0.08	N/A	N/A	N/A
imazapyr, isopropylamine salt	Water area	13.41	N/A	1.36	A
imazapyr, isopropylamine salt	Water area	1.81	N/A	17,162.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
imidacloprid	Golf course turf	30.38	N/A	76.0	A
imidacloprid	Grape, wine	327.41	46	815.76	A
imidacloprid	Landscape maintenance	151.67	N/A	N/A	N/A
imidacloprid	N-grnhs transplants	0.44	10	31,350.0	U
imidacloprid	Regulatory pest control	0.07	N/A	N/A	N/A
imidacloprid	Research commodity	0.13	19	602.0	U
imidacloprid	Research commodity	0.06	N/A	N/A	N/A
imidacloprid	Rights of way	21.24	N/A	N/A	N/A
imidacloprid	Structural pest control	629.35	N/A	N/A	N/A
imidacloprid	Vertebrate control	<0.01	N/A	N/A	N/A
indaziflam	Grape, wine	20.9	262	1,096.21	A
indaziflam	Landscape maintenance	20.53	N/A	N/A	N/A
indaziflam	Olive	0.28	10	4.5	A
indaziflam	Pistachio	1.98	1	43.64	A
indaziflam	Rights of way	161.25	N/A	N/A	N/A
indaziflam	Structural pest control	0.56	N/A	N/A	N/A
indoxacarb	Landscape maintenance	0.08	N/A	N/A	N/A
indoxacarb	Regulatory pest control	0.03	N/A	N/A	N/A
indoxacarb	Structural pest control	186.7	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
iodosulfuron-methyl-sodium	Rights of way	0.01	N/A	N/A	N/A
iprodione	Almond	74.86	1	150.0	A
iprodione	Golf course turf	51.27	N/A	13.5	A
iprodione	Golf course turf	5.0	N/A	80,000.0	S
iprodione	Landscape maintenance	243.8	N/A	N/A	N/A
iron hedta	Landscape maintenance	1.94	N/A	N/A	N/A
iron phosphate	Landscape maintenance	10.55	N/A	N/A	N/A
iron phosphate	Structural pest control	0.38	N/A	N/A	N/A
alpha-isodecyl-omega-hydroxypoly(oxyethylene)	Olive	1.91	4	39.0	A
alpha-isodecyl-omega-hydroxypoly(oxyethylene) phosphate	Landscape maintenance	5.69	N/A	N/A	N/A
isopropyl alcohol	Alfalfa	2.83	1	180.0	A
isopropyl alcohol	Grape, wine	34.34	14	654.3	A
isopropyl alcohol	Landscape maintenance	36.83	N/A	N/A	N/A
isopropyl alcohol	Rights of way	2.29	N/A	N/A	N/A
isopropyl alcohol	Structural pest control	44.26	N/A	N/A	N/A
isopropyl alcohol	Wheat	1.34	1	170.0	A
isopropylamine dodecylbenzene sulfonate	Water area	0.11	N/A	3.9	A
isoxaben	Golf course turf	32.19	N/A	44.0	A
isoxaben	Golf course turf	0.18	N/A	8,000.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
isoxaben	Landscape maintenance	273.51	N/A	N/A	N/A
isoxaben	N-outdr flower	21.0	5	28.0	A
isoxaben	N-outdr plants in containers	4.8	29	29.0	A
isoxaben	Regulatory pest control	0.52	N/A	N/A	N/A
isoxaben	Rights of way	139.22	N/A	N/A	N/A
kerosene	Structural pest control	0.39	N/A	N/A	N/A
(s)-kinoprene	Regulatory pest control	0.06	N/A	N/A	N/A
(s)-kinoprene	Research commodity	0.19	N/A	N/A	N/A
kresoxim-methyl	Grape, wine	0.15	1	1.5	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	21.56	3	530.0	A
lambda-cyhalothrin	Golf course turf	0.21	N/A	4.59	A
lambda-cyhalothrin	Landscape maintenance	0.65	N/A	N/A	N/A
lambda-cyhalothrin	Pistachio	9.14	6	280.0	A
lambda-cyhalothrin	Structural pest control	772.52	N/A	N/A	N/A
lecithin	Almond	21.12	1	150.0	A
lecithin	Golf course turf	3.39	N/A	9.18	A
lecithin	Grape, wine	3.23	4	34.08	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
lecithin	Landscape maintenance	9.08	N/A	N/A	N/A
lecithin	Pistachio	92.66	7	323.64	A
lecithin	Rights of way	1,117.61	N/A	N/A	N/A
lime-sulfur	Grape, wine	0.04	2	0.3	A
limonene	Landscape maintenance	78.87	N/A	N/A	N/A
limonene	Structural pest control	983.88	N/A	N/A	N/A
limonene	Water area	26.99	N/A	12.0	A
magnesium phosphide	Almond	4.97	N/A	88,900.0	C
magnesium phosphide	Commodity fumigation	155.25	N/A	N/A	N/A
magnesium phosphide	Fumigation, other	195.59	N/A	N/A	N/A
magnesium phosphide	Herb, spice	0.16	N/A	1,300.0	C
magnesium phosphide	Landscape maintenance	3.1	N/A	N/A	N/A
magnesium phosphide	Pistachio	0.16	N/A	2,600.0	C
magnesium phosphide	Rice	0.2	N/A	5,200.0	C
malathion	N-outdr plants in containers	2.3	3	3.0	A
mancozeb	Landscape maintenance	223.74	N/A	N/A	N/A
mandipropamid	Landscape maintenance	0.2	N/A	N/A	N/A
margosa oil	Structural pest control	<0.01	N/A	N/A	N/A
mcpa, dimethylamine salt	Landscape maintenance	39.55	N/A	N/A	N/A
mcpa, dimethylamine salt	Oat (forage - fodder)	230.34	4	260.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
mcpa, dimethylamine salt	Wheat	144.11	1	170.0	A
mcpa, dimethylamine salt	Wheat (forage - fodder)	62.64	2	100.0	A
mcpa, 2-ethyl hexyl ester	Landscape maintenance	0.01	N/A	N/A	N/A
mcpa, isooctyl ester	Landscape maintenance	4.1	N/A	N/A	N/A
mcpp	Landscape maintenance	8.08	N/A	N/A	N/A
mcpp, dimethylamine salt	Landscape maintenance	0.31	N/A	N/A	N/A
mcpp-p, dimethylamine salt	Golf course turf	34.64	N/A	80.0	A
mcpp-p, dimethylamine salt	Landscape maintenance	11.43	N/A	N/A	N/A
mcpp-p, potassium salt	Landscape maintenance	0.02	N/A	N/A	N/A
mecoprop-p	Golf course turf	0.24	N/A	80,000.0	S
mecoprop-p	Landscape maintenance	63.02	N/A	N/A	N/A
mecoprop-p	Rights of way	0.68	N/A	N/A	N/A
mefenoxam	Landscape maintenance	5.62	N/A	N/A	N/A
mefenoxam	N-grnhs flower	8.1	N/A	20.0	A
mefenoxam	N-outdr plants in containers	0.15	3	2.25	A
mefenoxam, other related	Landscape maintenance	0.18	N/A	N/A	N/A
mefenoxam, other related	N-outdr plants in containers	0.01	3	2.25	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
mefluidide, diethanolamine salt	Landscape maintenance	1.57	N/A	N/A	N/A
metaldehyde	Landscape maintenance	1.67	N/A	N/A	N/A
metam-sodium	Rights of way	2,913.4	N/A	N/A	N/A
metconazole	Golf course turf	15.75	N/A	13.18	A
metconazole	Landscape maintenance	9.89	N/A	N/A	N/A
metconazole	Pistachio	15.0	1	120.0	A
methomyl	Structural pest control	0.03	N/A	N/A	N/A
methoprene	Public health	0.01	N/A	N/A	N/A
methoprene	Structural pest control	0.11	N/A	N/A	N/A
s-methoprene	Food processing plant	0.41	N/A	1,999,998.0	C
s-methoprene	Public health	31.1	N/A	N/A	N/A
s-methoprene	Structural pest control	1.36	N/A	N/A	N/A
methoxyfenozide	Grape, wine	181.27	43	808.76	A
methoxyfenozide	Pistachio	39.53	3	140.0	A
methyl anthranilate	Structural pest control	2.13	N/A	N/A	N/A
methylated soybean oil	Alfalfa	86.04	3	540.0	A
methylated soybean oil	Golf course turf	5.91	N/A	9.18	A
methylated soybean oil	Grape, wine	8.3	6	58.28	A
methylated soybean oil	Landscape maintenance	49.96	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
methylated soybean oil	Oat (forage - fodder)	51.98	4	260.0	A
methylated soybean oil	Olive	11.96	1	15.0	A
methylated soybean oil	Pistachio	46.33	7	323.64	A
methylated soybean oil	Rights of way	572.67	N/A	N/A	N/A
methylated soybean oil	Wheat (forage - fodder)	3.97	1	20.0	A
methyl bromide	Almond	82.5	N/A	35,200.0	C
methyl bromide	Bamboo shoots	6,898.19	N/A	843,004.0	C
methyl bromide	Dried fruit	45.25	N/A	22,600.0	C
methyl bromide	Fumigation, other	1,990.05	N/A	N/A	N/A
methyl bromide	Prune	2.0	N/A	1,200.0	C
methyl bromide	Walnut	21.0	N/A	13,200.0	C
methyl-2,7-dichloro-9-hydroxyfluorene-9-carboxylate	Landscape maintenance	0.84	N/A	N/A	N/A
methyl eugenol	Regulatory pest control	6.5	N/A	N/A	N/A
methyl eugenol	Rights of way	120.87	N/A	N/A	N/A
2-methyl-4-isothiazolin-3-one	Water (industrial)	0.64	N/A	3.0	A
2-methyl-4-isothiazolin-3-one	Water (industrial)	0.8	N/A	192.0	U
methyl nonyl ketone	Structural pest control	0.56	N/A	N/A	N/A
methyl silicone resins	Landscape maintenance	0.13	N/A	N/A	N/A
metiram	Structural pest control	1.54	N/A	N/A	N/A
metofluthrin	Structural pest control	0.2	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
s-metolachlor	Landscape maintenance	0.24	N/A	N/A	N/A
metrafenone	Grape, wine	454.35	312	1,956.68	A
metribuzin	Landscape maintenance	3.81	N/A	N/A	N/A
mineral oil	Golf course turf	127.84	N/A	5.0	A
mineral oil	Grape, wine	5,322.79	174	1,339.03	A
mineral oil	Landscape maintenance	833.9	N/A	N/A	N/A
mineral oil	N-outdr plants in containers	55.6	7	7.0	A
mineral oil	Oat (forage - fodder)	2.72	4	260.0	A
mineral oil	Olive	0.63	1	15.0	A
mineral oil	Research commodity	3.72	N/A	N/A	N/A
mineral oil	Rights of way	650.56	N/A	N/A	N/A
mineral oil	Wheat (forage - fodder)	0.21	1	20.0	A
msma	Landscape maintenance	3.28	N/A	N/A	N/A
msma	Structural pest control	0.22	N/A	N/A	N/A
muscalure	Structural pest control	0.1	N/A	N/A	N/A
myclobutanil	Grape, wine	174.76	172	1,538.07	A
myclobutanil	Landscape maintenance	2.36	N/A	N/A	N/A
myclobutanil	N-outdr plants in containers	0.05	1	1.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
naa	Landscape maintenance	0.35	N/A	N/A	N/A
naa, ammonium salt	Landscape maintenance	1.77	N/A	N/A	N/A
nonanoic acid	Landscape maintenance	24.44	N/A	N/A	N/A
nonanoic acid, other related	Landscape maintenance	1.29	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Alfalfa	33.32	4	720.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Almond	43.99	4	447.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Golf course turf	1.07	N/A	9.18	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Grape, wine	1,139.8	561	6,194.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Industrial hemp	0.02	2	4,140.0	S
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	308.46	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Oat (forage - fodder)	28.32	4	260.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Pastureland	10.0	1	120.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Rights of way	251.14	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Wheat	15.51	1	170.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Wheat (forage - fodder)	2.53	1	20.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	Landscape maintenance	1.63	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	Rights of way	1.55	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	Almond	589.09	9	1,510.38	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	Grape, wine	107.06	561	2,971.78	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	Olive	0.93	10	4.5	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	Pistachio	84.87	5	303.64	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	Rights of way	10.59	N/A	N/A	N/A
novaluron	Structural pest control	3.56	N/A	N/A	N/A
noviflumuron	Structural pest control	1.53	N/A	N/A	N/A
octylammonium methanearsonate	Landscape maintenance	0.11	N/A	N/A	N/A
n-octyl bicycloheptene dicarboximide	Landscape maintenance	<0.01	N/A	N/A	N/A
n-octyl bicycloheptene dicarboximide	Regulatory pest control	5.85	N/A	N/A	N/A
n-octyl bicycloheptene dicarboximide	Structural pest control	101.15	N/A	N/A	N/A
octyl decyl dimethyl ammonium chloride	Structural pest control	0.89	N/A	N/A	N/A
oil of black pepper	Structural pest control	<0.01	N/A	N/A	N/A
oleic acid, ethyl ester	Landscape maintenance	420.6	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
oleic acid, ethyl ester	Rights of way	31.91	N/A	N/A	N/A
oleic acid, ethyl ester	Water area	21.02	N/A	7.0	A
oleic acid, methyl ester	Almond	98.54	1	150.0	A
oleic acid, methyl ester	Grape, wine	191.85	31	273.71	A
oleic acid, methyl ester	Landscape maintenance	9.59	N/A	N/A	N/A
oleic acid, methyl ester	Rights of way	44.51	N/A	N/A	N/A
oryzalin	Grape, wine	374.79	5	90.09	A
oryzalin	Landscape maintenance	426.07	N/A	N/A	N/A
oryzalin	Rights of way	429.06	N/A	N/A	N/A
oxadiazon	Landscape maintenance	170.35	N/A	N/A	N/A
oxadiazon	Rights of way	14.0	N/A	N/A	N/A
oxyfluorfen	Grape, wine	414.8	193	927.21	A
oxyfluorfen	Landscape maintenance	22.97	N/A	N/A	N/A
oxyfluorfen	N-outdr plants in containers	2.85	7	7.0	A
oxyfluorfen	Rights of way	158.04	N/A	N/A	N/A
oxytetracycline hydrochloride	Landscape maintenance	1.73	N/A	N/A	N/A
paclobutrazol	Industrial site	3.97	N/A	30.0	U
paclobutrazol	Landscape maintenance	39.89	N/A	N/A	N/A
paclobutrazol	Rights of way	0.56	N/A	N/A	N/A
paecilomyces fumosoroseus apopka strain 97	N-grnhs transplants	0.76	8	18,594.0	S
paecilomyces fumosoroseus apopka strain 97	N-grnhs transplants	1.34	13	9,582.0	U
paraquat dichloride	Almond	27.78	1	22.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
pcnb	Landscape maintenance	2,881.5	N/A	N/A	N/A
pcp, other related	Grape, wine	1.3	1	18.75	A
pcp, other related	Rights of way	0.1	N/A	N/A	N/A
pendimethalin	Golf course turf	1.78	N/A	0.25	A
pendimethalin	Grape, wine	779.16	91	551.31	A
pendimethalin	Landscape maintenance	606.16	N/A	N/A	N/A
pendimethalin	N-outdr flower	132.58	5	28.0	A
pendimethalin	N-outdr plants in containers	4.2	7	7.0	A
pendimethalin	Rights of way	212.59	N/A	N/A	N/A
penoxsulam	Golf course turf	0.01	N/A	1.0	A
penoxsulam	Landscape maintenance	2.47	N/A	N/A	N/A
penoxsulam	Rights of way	3.3	N/A	N/A	N/A
pentachlorophenol	Grape, wine	11.52	1	18.75	A
pentachlorophenol	Rights of way	0.86	N/A	N/A	N/A
penthiopyrad	Golf course turf	15.0	N/A	16.0	A
penthiopyrad	Landscape maintenance	50.83	N/A	N/A	N/A
permethrin	Landscape maintenance	46.93	N/A	N/A	N/A
permethrin	Regulatory pest control	0.06	N/A	N/A	N/A
permethrin	Structural pest control	79.17	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
permethrin, other related	Structural pest control	0.1	N/A	N/A	N/A
peroxyacetic acid	Grape, wine	0.83	1	4.5	A
peroxyacetic acid	Landscape maintenance	1,475.22	N/A	N/A	N/A
peroxyacetic acid	N-grnhs transplants	0.05	3	230.0	S
peroxyacetic acid	N-outdr plants in containers	0.09	1	1.0	A
peroxyacetic acid	Water area	808.54	N/A	96.4	A
petroleum distillates	Landscape maintenance	39.31	N/A	N/A	N/A
petroleum distillates	Structural pest control	2.14	N/A	N/A	N/A
petroleum distillates, aromatic	Almond	162.56	2	222.0	A
petroleum distillates, aromatic	Grape, wine	674.98	227	1,432.09	A
petroleum distillates, refined	Grape, wine	11,269.9	264	1,863.74	A
petroleum distillates, refined	Landscape maintenance	52.6	N/A	N/A	N/A
petroleum distillates, refined	Public health	2,880.7	N/A	N/A	N/A
petroleum distillates, refined	Regulatory pest control	6.19	N/A	N/A	N/A
petroleum distillates, refined	Research commodity	2.44	N/A	N/A	N/A
petroleum oil, paraffin based	Water area	18.25	N/A	3.9	A
petroleum oil, unclassified	Grape, wine	1,383.29	1	18.75	A
petroleum oil, unclassified	Landscape maintenance	12.48	N/A	N/A	N/A
petroleum oil, unclassified	Rights of way	103.75	N/A	N/A	N/A
phenothrin	Landscape maintenance	0.01	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
phenothrin	Public health	<0.01	N/A	N/A	N/A
phenothrin	Regulatory pest control	0.06	N/A	N/A	N/A
phenothrin	Structural pest control	8.9	N/A	N/A	N/A
phenothrin, other related	Structural pest control	<0.01	N/A	N/A	N/A
phenylethyl propionate	Structural pest control	0.2	N/A	N/A	N/A
phorate	Landscape maintenance	0.05	N/A	N/A	N/A
phosacetin	Landscape maintenance	0.09	N/A	N/A	N/A
phosphine	Fumigation, other	0.1	N/A	N/A	N/A
phosphine	Pistachio	0.1	N/A	2,600.0	C
phosphine	Rice	291.22	N/A	8,018,788.0	C
phosphoric acid	Alfalfa	7.01	2	360.0	A
phosphoric acid	Almond	17.81	7	1,288.38	A
phosphoric acid	Grape, wine	2.96	336	1,539.99	A
phosphoric acid	Landscape maintenance	2.06	N/A	N/A	N/A
phosphoric acid	N-outdr plants in containers	6.04	2	2.0	A
phosphoric acid	Olive	0.03	10	4.5	A
phosphoric acid	Pistachio	2.41	4	260.0	A
phosphoric acid	Rights of way	0.12	N/A	N/A	N/A
phosphoric acid	Wheat	5.96	1	170.0	A
piperalin	Research commodity	0.25	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
piperine	Structural pest control	<0.01	N/A	N/A	N/A
piperonyl butoxide	Commodity fumigation	0.93	N/A	N/A	N/A
piperonyl butoxide	Fumigation, other	9.15	N/A	N/A	N/A
piperonyl butoxide	Landscape maintenance	0.95	N/A	N/A	N/A
piperonyl butoxide	N-grnhs transplants	0.16	4	5,500.0	S
piperonyl butoxide	Public health	2.71	N/A	N/A	N/A
piperonyl butoxide	Regulatory pest control	3.97	N/A	N/A	N/A
piperonyl butoxide	Structural pest control	511.49	N/A	N/A	N/A
piperonyl butoxide, other related	Landscape maintenance	0.24	N/A	N/A	N/A
piperonyl butoxide, other related	Public health	0.67	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	9.26	N/A	N/A	N/A
polyacrylamide polymer	Alfalfa	2.27	2	360.0	A
polyacrylamide polymer	Rights of way	1.0	N/A	N/A	N/A
polyacrylamide polymer	Wheat	1.93	1	170.0	A
polyalkene oxide modified heptamethyl trisiloxane	Landscape maintenance	15.38	N/A	N/A	N/A
polyalkene oxide modified heptamethyl trisiloxane	Rights of way	0.24	N/A	N/A	N/A
polyalkyleneoxide modified polydimethyl-siloxane	Lettuce, leaf	0.05	1	1.0	A
polybutenes	Structural pest control	19.41	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
polybutenes	Vertebrate control	46.48	N/A	N/A	N/A
polyethylene glycol	Alfalfa	17.9	1	180.0	A
polyethylene glycol	Grape, wine	216.83	12	654.0	A
polyethylene glycol	Wheat	8.46	1	170.0	A
polyethylene glycol diacetate	Rights of way	0.01	N/A	N/A	N/A
polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	Landscape maintenance	1.07	N/A	N/A	N/A
polyethylene glycol stearate	Landscape maintenance	0.02	N/A	N/A	N/A
polyoxin d, zinc salt	Golf course turf	1.08	N/A	4.0	A
polyoxin d, zinc salt	Landscape maintenance	4.04	N/A	N/A	N/A
poly(oxyethylene) (dimethylimino) ethylene (dimethylimino) ethylene dichloride	Landscape maintenance	51.33	N/A	N/A	N/A
polyoxyethylene dioleate	Landscape maintenance	73.59	N/A	N/A	N/A
polyoxyethylene dioleate	Rights of way	5.58	N/A	N/A	N/A
polyoxyethylene dioleate	Water area	3.68	N/A	7.0	A
poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	Broccoli	0.08	1	2.0	A
poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	Cabbage	0.08	1	2.0	A
poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	Cauliflower	0.08	1	2.0	A
poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	Cucumber	0.08	1	0.2	A
poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	Lettuce, leaf	0.17	2	2.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	Squash, zucchini	0.01	1	0.2	A
polyoxyethylene sorbitan monolaurate	Landscape maintenance	4.38	N/A	N/A	N/A
polyoxyethylene sorbitan monooleate	Landscape maintenance	21.03	N/A	N/A	N/A
polyoxyethylene sorbitan monooleate	Rights of way	1.6	N/A	N/A	N/A
polyoxyethylene sorbitan monooleate	Water area	1.5	N/A	10.9	A
polyoxyethylene sorbitan trioleate	Water area	2.95	N/A	3.9	A
polyoxyethylene soybean oil fatty acid ester	Grape, wine	45.8	22	145.02	A
polypropylene glycol	Landscape maintenance	0.15	N/A	N/A	N/A
polysorbate 65	Rights of way	57.4	N/A	N/A	N/A
potash soap	Broccoli	4.16	1	2.0	A
potash soap	Cabbage	4.16	1	2.0	A
potash soap	Cauliflower	4.16	1	2.0	A
potash soap	Cucumber	4.16	1	0.2	A
potash soap	Landscape maintenance	0.87	N/A	N/A	N/A
potash soap	Lettuce, leaf	8.33	2	2.0	A
potash soap	Regulatory pest control	0.73	N/A	N/A	N/A
potash soap	Research commodity	0.03	N/A	N/A	N/A
potash soap	Squash, zucchini	0.52	1	0.2	A
potassium bicarbonate	Grape, wine	178.3	14	63.74	A
potassium bicarbonate	Landscape maintenance	0.05	N/A	N/A	N/A
potassium bicarbonate	N-grnhs transplants	<0.01	1	10.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
potassium bicarbonate	Regulatory pest control	0.28	N/A	N/A	N/A
potassium bicarbonate	Research commodity	0.23	N/A	N/A	N/A
potassium nitrate	Landscape maintenance	0.38	N/A	N/A	N/A
potassium phosphite	Landscape maintenance	1,600.69	N/A	N/A	N/A
potassium phosphite	N-outdr plants in containers	0.05	1	1.0	A
prallethrin	Landscape maintenance	<0.01	N/A	N/A	N/A
prallethrin	Public health	0.01	N/A	N/A	N/A
prallethrin	Regulatory pest control	1.93	N/A	N/A	N/A
prallethrin	Structural pest control	4.23	N/A	N/A	N/A
prodiamine	Landscape maintenance	854.65	N/A	N/A	N/A
prodiamine	Regulatory pest control	0.32	N/A	N/A	N/A
prodiamine	Rights of way	5.29	N/A	N/A	N/A
prometryn	Structural pest control	0.05	N/A	N/A	N/A
propiconazole	Almond	16.82	1	75.0	A
propiconazole	Golf course turf	43.08	N/A	34.0	A
propiconazole	Landscape maintenance	117.12	N/A	N/A	N/A
propionic acid	Grape, wine	3.23	4	34.08	A
propionic acid	Rights of way	0.75	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
propoxur	Structural pest control	0.13	N/A	N/A	N/A
propylene glycol	Landscape maintenance	8.05	N/A	N/A	N/A
propylene glycol	Rights of way	0.08	N/A	N/A	N/A
propryzamide	Landscape maintenance	25.09	N/A	N/A	N/A
pymetrozine	N-grnhs transplants	0.04	4	6,570.0	S
pyraclostrobin	Golf course turf	2.29	N/A	5.0	A
pyraclostrobin	Grape, wine	104.84	224	1,336.2	A
pyraclostrobin	Landscape maintenance	30.13	N/A	N/A	N/A
pyraclostrobin	N-outdr plants in containers	0.25	1	1.0	A
pyraclostrobin	Pistachio	13.44	3	140.0	A
pyrethrins	Broccoli	0.02	1	2.0	A
pyrethrins	Cabbage	0.01	1	2.0	A
pyrethrins	Cauliflower	0.02	1	2.0	A
pyrethrins	Commodity fumigation	0.13	N/A	N/A	N/A
pyrethrins	Cucumber	0.02	1	0.2	A
pyrethrins	Fumigation, other	1.28	N/A	N/A	N/A
pyrethrins	Grape, wine	0.07	2	3.0	A
pyrethrins	Landscape maintenance	0.13	N/A	N/A	N/A
pyrethrins	Lettuce, leaf	0.05	2	2.0	A
pyrethrins	N-grnhs transplants	0.04	4	5,500.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
pyrethrins	Public health	0.48	N/A	N/A	N/A
pyrethrins	Regulatory pest control	<0.01	N/A	N/A	N/A
pyrethrins	Squash, zucchini	0.01	1	0.2	A
pyrethrins	Structural pest control	64.75	N/A	N/A	N/A
pyridaben	Structural pest control	0.08	N/A	N/A	N/A
pyrifluquinazon	Regulatory pest control	0.05	N/A	N/A	N/A
pyriproxyfen	Commodity fumigation	1.99	N/A	N/A	N/A
pyriproxyfen	Fumigation, other	2.85	N/A	N/A	N/A
pyriproxyfen	Landscape maintenance	1.24	N/A	N/A	N/A
pyriproxyfen	Regulatory pest control	0.03	N/A	N/A	N/A
pyriproxyfen	Structural pest control	16.88	N/A	N/A	N/A
qst 713 strain of dried bacillus subtilis	Grape, wine	2.79	3	3.6	A
qst 713 strain of dried bacillus subtilis	Landscape maintenance	<0.01	N/A	N/A	N/A
qst 713 strain of dried bacillus subtilis	N-grnhs transplants	4.6	15	30,652.0	S
qst 713 strain of dried bacillus subtilis	N-grnhs transplants	0.02	2	6,270.0	U
quillaja	Industrial hemp	0.02	2	4,140.0	S
quinclorac	Landscape maintenance	8.7	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
quinclorac, dimethylamine salt	Landscape maintenance	17.09	N/A	N/A	N/A
quinoxifen	Grape, wine	423.58	560	4,450.92	A
reynoutria sachalinensis	Industrial hemp	0.01	2	4,140.0	S
reynoutria sachalinensis	N-grnhs transplants	0.62	3	12,710.0	S
reynoutria sachalinensis	N-grnhs transplants	2.81	23	11,706.0	U
rimsulfuron	Grape, wine	29.53	267	1,186.3	A
rimsulfuron	Landscape maintenance	1.25	N/A	N/A	N/A
rimsulfuron	Olive	0.19	7	3.0	A
rimsulfuron	Pistachio	2.39	1	43.64	A
rimsulfuron	Rights of way	0.33	N/A	N/A	N/A
saflufenacil	Almond	6.57	1	150.0	A
sethoxydim	Grape, wine	17.19	26	150.0	A
sethoxydim	Landscape maintenance	0.47	N/A	N/A	N/A
silica aerogel	Public health	7.73	N/A	N/A	N/A
silica aerogel	Structural pest control	227.21	N/A	N/A	N/A
silicone defoamer	Grape, wine	<0.01	2	0.3	A
silicone defoamer	Landscape maintenance	0.2	N/A	N/A	N/A
silicone defoamer	Rights of way	0.02	N/A	N/A	N/A
sodium bromide	Structural pest control	312.72	N/A	N/A	N/A
sodium bromide	Water (industrial)	1,718.18	N/A	33.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
sodium bromide	Water (industrial)	28.0	N/A	305.0	U
sodium bromosulfamate, sodium chlorosulfamate, potassium bromosulfamate, potassium chlorosulfamate	Water (industrial)	19.8	N/A	1.0	U
sodium carbonate peroxyhydrate	Landscape maintenance	680.0	N/A	N/A	N/A
sodium carbonate peroxyhydrate	Water area	510.0	N/A	4.5	A
sodium decyl sulfate	Structural pest control	55.99	N/A	N/A	N/A
sodium di (1-alkenyl) phenoxy benzene disulfonate	N-outdr plants in containers	0.22	2	2.0	A
sodium dichloro-s-triazinetrione	Water (industrial)	35.64	N/A	768.0	U
sodium dichloro-s-triazinetrione dihydrate	Landscape maintenance	3,801.85	N/A	N/A	N/A
sodium hydroxide	Alfalfa	12.38	2	360.0	A
sodium hydroxide	Wheat	10.52	1	170.0	A
sodium hypochlorite	Landscape maintenance	230.03	N/A	N/A	N/A
sodium hypochlorite	Regulatory pest control	51.04	N/A	N/A	N/A
sodium hypochlorite	Structural pest control	215.48	N/A	N/A	N/A
sodium hypochlorite	Water (industrial)	1,272.42	N/A	37.0	A
sodium hypochlorite	Water (industrial)	32.17	N/A	308.0	U
sodium hypochlorite	Water filter	259.13	N/A	19.0	A
sodium lauroampho acetate	Structural pest control	42.26	N/A	N/A	N/A
sodium lauryl sulfate	Structural pest control	28.52	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
sodium metasilicate	Landscape maintenance	0.1	N/A	N/A	N/A
sodium mono (1-alkenyl) phenoxy benzene disulfonate	N-outdr plants in containers	0.51	2	2.0	A
sodium nitrate	Landscape maintenance	79.92	N/A	N/A	N/A
sodium nitrate	Rangeland	3.31	1	20.0	A
sodium nitrate	Structural pest control	13.18	N/A	N/A	N/A
sodium nitrate	Vertebrate control	94.44	N/A	N/A	N/A
sodium alpha-olefin (c14-c16) sulfonate	Rights of way	2,039.79	N/A	N/A	N/A
sodium polyacrylate	Rights of way	0.37	N/A	N/A	N/A
sodium tetraborate (pentahydrate)	Structural pest control	1.5	N/A	N/A	N/A
sodium xylene sulfonate	Grape, wine	<0.01	2	0.3	A
sodium xylene sulfonate	Landscape maintenance	2.39	N/A	N/A	N/A
sodium xylene sulfonate	Rights of way	0.18	N/A	N/A	N/A
sorbitan monooleate	Grape, wine	1.9	34	69.59	A
sorbitan trioleate	Rights of way	57.4	N/A	N/A	N/A
spinetoram	Grape, wine	1.02	4	27.0	A
spinosad	Cabbage	0.12	1	2.0	A
spinosad	Cauliflower	0.17	1	2.0	A
spinosad	Landscape maintenance	0.24	N/A	N/A	N/A
spinosad	N-grnhs transplants	0.01	7	8,498.0	S
spinosad	Olive	0.62	27	614.0	A
spinosad	Public health	71.35	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
spinosad	Regulatory pest control	0.26	N/A	N/A	N/A
spinosad	Research commodity	0.02	N/A	N/A	N/A
spinosad	Rights of way	4.74	N/A	N/A	N/A
spiromesifen	Landscape maintenance	<0.01	N/A	N/A	N/A
spirotetramat	Grape, wine	158.64	109	1,298.67	A
spirotetramat	Landscape maintenance	0.02	N/A	N/A	N/A
spirotetramat	N-grnhs transplants	0.01	6	5,015.0	S
spirotetramat	N-grnhs transplants	0.01	1	365.0	U
spirotetramat	Regulatory pest control	0.01	N/A	N/A	N/A
spirotetramat	Research commodity	0.31	26	1,399.0	U
streptomyces lydicus wyec 108	Industrial hemp	<0.01	2	4,140.0	S
streptomyces lydicus wyec 108	Landscape maintenance	<0.01	N/A	N/A	N/A
streptomyces lydicus wyec 108	N-grnhs transplants	<0.01	4	9,350.0	S
streptomyces lydicus wyec 108	N-grnhs transplants	<0.01	15	7,026.0	U
streptomyces lydicus wyec 108	Strawberry	<0.01	1	0.2	A
streptomycin sulfate	Landscape maintenance	0.11	N/A	N/A	N/A
strychnine	Landscape maintenance	1.85	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
strychnine	Structural pest control	<0.01	N/A	N/A	N/A
strychnine	Vertebrate control	0.21	N/A	N/A	N/A
sulfaquinoxaline	Structural pest control	<0.01	N/A	N/A	N/A
sulfentrazone	Golf course turf	0.4	N/A	13.5	A
sulfentrazone	Landscape maintenance	0.53	N/A	N/A	N/A
sulfentrazone	Rights of way	1.46	N/A	N/A	N/A
sulfluramid	Structural pest control	<0.01	N/A	N/A	N/A
sulfometuron-methyl	Landscape maintenance	13.64	N/A	N/A	N/A
sulfometuron-methyl	Rights of way	182.3	N/A	N/A	N/A
sulfur	Grape, wine	10,618.55	258	3,276.04	A
sulfur	Industrial hemp	6.24	2	20,000.0	S
sulfur	Landscape maintenance	54.75	N/A	N/A	N/A
sulfur	Pumpkin	392.0	1	11.0	A
sulfur	Regulatory pest control	6.91	N/A	N/A	N/A
sulfur	Structural pest control	10.02	N/A	N/A	N/A
sulfur	Tomato	98.0	1	1.5	A
sulfur dioxide	Fumigation, other	36.38	N/A	N/A	N/A
sulfuryl fluoride	Fumigation, other	426.15	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
sulfuryl fluoride	Structural pest control	67,729.62	N/A	N/A	N/A
tall oil	Grape, wine	6.11	22	145.02	A
tall oil	Landscape maintenance	8.34	N/A	N/A	N/A
tall oil fatty acids	Alfalfa	2.53	3	540.0	A
tall oil fatty acids	Almond	9.46	2	222.0	A
tall oil fatty acids	Grape, wine	39.28	227	1,432.09	A
tall oil fatty acids	Landscape maintenance	3.38	N/A	N/A	N/A
tall oil fatty acids	Rights of way	0.56	N/A	N/A	N/A
tebuconazole	Golf course turf	26.73	N/A	19.68	A
tebuconazole	Grape, wine	497.41	547	4,865.59	A
tebuconazole	Landscape maintenance	26.01	N/A	N/A	N/A
tebuconazole	Pistachio	14.52	3	140.0	A
tebuthiuron	Rights of way	74.04	N/A	N/A	N/A
1080	Unknown	<0.01	1	10.0	?
1080	Unknown	0.01	3	60.0	A
tetraconazole	Grape, wine	0.58	4	15.0	A
z,e-9,12-tetradecadien-1-yl acetate	Structural pest control	1.06	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	Regulatory pest control	<0.01	N/A	N/A	N/A
tetramethrin	Structural pest control	0.29	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	Grape, wine	0.02	2	0.3	A
alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	Landscape maintenance	9.12	N/A	N/A	N/A
alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	Regulatory pest control	0.08	N/A	N/A	N/A
alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	Rights of way	0.69	N/A	N/A	N/A
tetrapotassium pyrophosphate	Grape, wine	<0.01	2	0.3	A
tetrapotassium pyrophosphate	Landscape maintenance	1.19	N/A	N/A	N/A
tetrapotassium pyrophosphate	Rights of way	0.09	N/A	N/A	N/A
thiamethoxam	Grape, wine	2.78	5	75.4	A
thiamethoxam	Structural pest control	0.32	N/A	N/A	N/A
thiencarbazone-methyl	Rights of way	0.05	N/A	N/A	N/A
thiophanate-methyl	Almond	56.13	1	75.0	A
thiophanate-methyl	Golf course turf	241.94	N/A	39.9	A
thiophanate-methyl	Golf course turf	2.6	N/A	31,000.0	S
thiophanate-methyl	Grape, wine	41.38	6	41.08	A
thiophanate-methyl	Landscape maintenance	165.63	N/A	N/A	N/A
thiophanate-methyl	N-outdr plants in containers	3.86	11	11.0	A
thiophanate-methyl	Regulatory pest control	0.01	N/A	N/A	N/A
thyme	Structural pest control	0.11	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
thyme oil	Structural pest control	0.02	N/A	N/A	N/A
toxaphene	Structural pest control	1.21	N/A	N/A	N/A
triadimefon	Golf course turf	7.36	N/A	5.5	A
triadimefon	Landscape maintenance	32.45	N/A	N/A	N/A
trichlorfon	Structural pest control	0.02	N/A	N/A	N/A
trichloro-s-triazinetrione	Landscape maintenance	962.28	N/A	N/A	N/A
trichloro-s-triazinetrione	Structural pest control	20.55	N/A	N/A	N/A
trichoderma harzianum rifai strain krl-ag2	N-grnhs transplants	0.04	2	8,500.0	S
trichoderma harzianum rifai strain krl-ag2	N-grnhs transplants	0.17	16	31,408.4	U
trichoderma icc 012 asperellum	N-grnhs transplants	0.1	5	18,700.0	S
trichoderma icc 080 gamsii	N-grnhs transplants	0.1	5	18,700.0	S
triclopyr, butoxyethyl ester	Golf course turf	1.2	N/A	35,500.0	S
triclopyr, butoxyethyl ester	Landscape maintenance	1,004.38	N/A	N/A	N/A
triclopyr, butoxyethyl ester	N-grnhs flower	5.48	N/A	100,000.0	S
triclopyr, butoxyethyl ester	Rights of way	982.42	N/A	N/A	N/A
triclopyr, butoxyethyl ester	Uncultivated ag	0.09	2	5,530.0	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
triclopyr, triethylamine salt	Golf course turf	6.98	N/A	17.0	A
triclopyr, triethylamine salt	Golf course turf	0.22	N/A	16,000.0	S
triclopyr, triethylamine salt	Landscape maintenance	59.16	N/A	N/A	N/A
triclopyr, triethylamine salt	Rights of way	270.99	N/A	N/A	N/A
alpha-tridecyl-omega-hydroxypoly(oxyethanol) phosphate	Olive	2.11	4	39.0	A
triethanolamine	Grape, wine	0.01	2	0.3	A
triethanolamine	Landscape maintenance	3.04	N/A	N/A	N/A
triethanolamine	Rights of way	0.23	N/A	N/A	N/A
trifloxystrobin	Golf course turf	4.67	N/A	19.0	A
trifloxystrobin	Grape, wine	2.94	6	27.4	A
trifloxystrobin	Landscape maintenance	10.12	N/A	N/A	N/A
trifloxystrobin	Regulatory pest control	0.03	N/A	N/A	N/A
trifloxystrobin	Research commodity	0.01	N/A	N/A	N/A
trifloxysulfuron-sodium	Landscape maintenance	0.58	N/A	N/A	N/A
triflumizole	Grape, wine	50.49	66	365.02	A
triflumizole	Regulatory pest control	0.37	N/A	N/A	N/A
trifluralin	Landscape maintenance	55.86	N/A	N/A	N/A
trifluralin	N-outdr plants in containers	19.2	29	29.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	Grape, wine	35.29	31	273.71	A
alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	Landscape maintenance	1.99	N/A	N/A	N/A
trinexapac-ethyl	Golf course turf	99.08	N/A	619.07	A
trinexapac-ethyl	Landscape maintenance	166.41	N/A	N/A	N/A
triptolide	Structural pest control	<0.01	N/A	N/A	N/A
triticonazole	Landscape maintenance	0.26	N/A	N/A	N/A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Almond	27.48	2	225.0	A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Golf course turf	3.07	N/A	9.18	A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Grape, wine	529.68	259	3,178.43	A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Landscape maintenance	12.26	N/A	N/A	N/A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Pistachio	40.69	6	280.0	A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Rights of way	758.95	N/A	N/A	N/A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Water area	3.6	N/A	12.0	A
urea dihydrogen sulfate	Olive	6.24	4	39.0	A
4-vinylcyclohexenediepoide	Structural pest control	0.01	N/A	N/A	N/A
warfarin	Landscape maintenance	0.02	N/A	N/A	N/A
warfarin	Structural pest control	<0.01	N/A	N/A	N/A
warfarin	Vertebrate control	<0.01	N/A	N/A	N/A
xylene	Structural pest control	0.09	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
yucca schidigera	Landscape maintenance	10.39	N/A	N/A	N/A
yucca schidigera	Rights of way	26.72	N/A	N/A	N/A
zinc phosphide	Landscape maintenance	4.11	N/A	N/A	N/A
zinc phosphide	Structural pest control	0.1	N/A	N/A	N/A
zinc phosphide	Vertebrate control	0.01	N/A	N/A	N/A