

2023 Annual Statewide Pesticide Use Report Indexed by Chemical: Marin County

[Text files](#) of data are available. Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit, N/A = Not Available. Area treated totals are cumulative, meaning that if a one-acre field was treated three times in a year, the cumulative area treated would equal three acres. Most nonagricultural pesticide use reports are not required to report area treated, so the area treated totals are predominantly agricultural pesticide uses. Application counts (Apps) include only agricultural pesticide uses. N-outdr = Outdoor nursery. N-grnhs = Greenhouse nursery. For more information, see [Pesticide Use Annual Report Data Access, References, and Definitions Guide](#).

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
1,3-dichloro-5,5-dimethylhydantoin	Water (Industrial)	28.90	0	1.00	U
1,3-dichloro-5-ethyl-5-methylhydantoin	Water (Industrial)	15.90	0	1.00	U
1-bromo-3-chloro-5,5-dimethyl hydantoin	Water (Industrial)	54.20	0	1.00	U
2,4-d	Landscape Maintenance	4.12	0	0.00	N/A
2,4-d, 2-ethylhexyl ester	Landscape Maintenance	14.39	0	0.00	N/A
2,4-d, 2-ethylhexyl ester	Rights Of Way	3.40	0	0.00	N/A
2,4-d, dimethylamine salt	Landscape Maintenance	0.08	0	0.00	N/A
2,4-d, dimethylamine salt	Structural Pest Control	0.13	0	0.00	N/A
2,4-dp-p, 2-ethylhexyl ester	Landscape Maintenance	2.84	0	0.00	N/A
2,4-dp-p, 2-ethylhexyl ester	Rights Of Way	1.96	0	0.00	N/A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Grape, Wine	36.15	19	161.92	A
4-vinylcyclohexenediepoide	Structural Pest Control	< 0.01	0	0.00	N/A
Abamectin	Landscape Maintenance	0.02	0	0.00	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Abamectin	Structural Pest Control	0.02	0	0.00	N/A
Abamectin, other related	Structural Pest Control	< 0.01	0	0.00	N/A
Acephate	Landscape Maintenance	0.12	0	0.00	N/A
Acephate	Structural Pest Control	21.28	0	0.00	N/A
Acetamiprid	Apple	0.13	2	37.00	U
Acetamiprid	Landscape Maintenance	0.32	0	0.00	N/A
Acetamiprid	Structural Pest Control	1.01	0	0.00	N/A
Acibenzolar-s-methyl	Landscape Maintenance	0.23	0	0.00	N/A
Aggregated adjuvant data	Grape, Wine	57.69	49	279.81	A
Aggregated adjuvant data	Landscape Maintenance	119.92	0	0.00	N/A
Aggregated adjuvant data	N-Grnhs Flower	2.36	0	55.00	U
Aggregated adjuvant data	N-Outdr Flower	3.93	0	132.00	U
Aggregated adjuvant data	Olive	0.29	1	2.00	A
Aggregated adjuvant data	Pastureland	512.04	24	1,853.44	A
Aggregated adjuvant data	Rangeland	12.06	4	96.00	A
Aggregated adjuvant data	Regulatory Pest Control	0.18	0	0.00	N/A
Aggregated adjuvant data	Rights Of Way	342.82	0	0.00	N/A
Aggregated adjuvant data	Structural Pest Control	2.53	0	0.00	N/A
Aggregated adjuvant data	Uncultivated Non-Ag	5.34	0	6.00	A
Aggregated adjuvant data	Water (Industrial)	1.60	0	8.90	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Aggregated adjuvant data	Water Area	2.23	0	1,535.00	S
Alkyl (68% ^{c12} , 32% ^{c14}) dimethylethylbenzyl ammonium chloride	Structural Pest Control	< 0.01	0	0.00	N/A
Alkyl (c8,c10) polyglucoside	Landscape Maintenance	8.11	0	0.00	N/A
Alkyl* dimethyl benzyl ammonium chloride *(50% ^{c14} , 40% ^{c12} , 10% ^{c16})	Structural Pest Control	0.35	0	0.00	N/A
Alkyl* dimethyl benzyl ammonium chloride *(60% ^{c14} , 30% ^{c16} , 5% ^{c18} , 5% ^{c12})	Structural Pest Control	< 0.01	0	0.00	N/A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Landscape Maintenance	157.92	0	0.00	N/A
Alpha-cypermethrin	Structural Pest Control	29.28	0	0.00	N/A
Alpha-undecyl-omega-hydroxypoly(oxyethylene)	Rights Of Way	13.67	0	0.00	N/A
Alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	Landscape Maintenance	0.60	0	0.00	N/A
Aminocyclopyrachlor, potassium salt	Rights Of Way	6.30	0	0.00	N/A
Aminopyralid, triisopropanolamine salt	Landscape Maintenance	1.02	0	0.00	N/A
Aminopyralid, triisopropanolamine salt	Pastureland	209.09	21	1,005.95	A
Aminopyralid, triisopropanolamine salt	Rangeland	6.63	1	31.50	A
Aminopyralid, triisopropanolamine salt	Rights Of Way	7.47	0	0.00	N/A
Ammonium 1-naphthaleneacetate	Landscape Maintenance	0.23	0	0.00	N/A
Ammonium nitrate	Landscape Maintenance	1.52	0	0.00	N/A
Ammonium sulfate	Landscape Maintenance	4.14	0	0.00	N/A
Azadirachtin	Grape, Wine	0.62	1	15.50	A
Azadirachtin	Landscape Maintenance	0.32	0	0.00	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Azoxystrobin	Landscape Maintenance	23.90	0	0.00	N/A
Bacillus altitudinis strain: qst 2808	Grape, Wine	2.40	2	22.00	A
Bacillus amyloliquefacens strain: f727	Grape, Wine	685.58	11	85.24	A
Bacillus sphaericus 2362 serotype h5a5b strain: abts 1743	Public Health	94.60	0	0.00	N/A
Bacillus subtilis subspecies subtilis strain: iab/bs03	Grape, Wine	0.19	3	20.00	A
Bacillus thuringiensis subsp. israelensis strain: am 65-52	Public Health	1,317.98	0	0.00	N/A
Bacillus thuringiensis subsp. kurstaki strain: abts-351	Landscape Maintenance	0.68	0	0.00	N/A
Bacillus thuringiensis subsp. kurstaki strain: abts-351	Structural Pest Control	3.00	0	0.00	N/A
Bacillus thuringiensis subspecies israelensis strain bmp 144	Structural Pest Control	0.02	0	0.00	N/A
Bacillus velezensis strain: qst 713	Grape, Wine	2.85	2	26.00	A
Bacillus velezensis strain: qst 713	Grape, Wine	0.05	0	500.00	U
Bacillus velezensis strain: mbi 600	Grape, Wine	2.44	3	36.68	A
Beauveria bassiana strain: gha	Structural Pest Control	0.19	0	0.00	N/A
Benzovindiflupyr	Grape, Wine	2.71	3	39.44	A
Benzovindiflupyr	Landscape Maintenance	1.80	0	0.00	N/A
Beta-cyfluthrin	Landscape Maintenance	0.11	0	0.00	N/A
Beta-cyfluthrin	Structural Pest Control	50.08	0	0.00	N/A
Bifenazate	Landscape Maintenance	0.69	0	0.00	N/A
Bifenthrin	Landscape Maintenance	21.52	0	0.00	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Bifenthrin	Structural Pest Control	315.43	0	0.00	N/A
Boric acid	Landscape Maintenance	21.93	0	0.00	N/A
Boric acid	Structural Pest Control	1,324.95	0	0.00	N/A
Boscalid	Landscape Maintenance	28.84	0	0.00	N/A
Brodifacoum	Structural Pest Control	< 0.01	0	0.00	N/A
Bromadiolone	Structural Pest Control	< 0.01	0	0.00	N/A
Bromethalin	Landscape Maintenance	< 0.01	0	0.00	N/A
Bromethalin	Structural Pest Control	0.25	0	0.00	N/A
Canola oil	Landscape Maintenance	1.88	0	0.00	N/A
Capric acid	Grape, Wine	100.53	1	15.50	A
Capric acid	Landscape Maintenance	102.93	0	0.00	N/A
Caprylic acid	Grape, Wine	147.65	1	15.50	A
Caprylic acid	Landscape Maintenance	146.73	0	0.00	N/A
Captan	Apple	3.94	7	108.00	U
Captan, other related	Apple	0.22	7	108.00	U
Carfentrazone-ethyl	Grape, Wine	0.06	4	5.33	A
Carfentrazone-ethyl	Landscape Maintenance	9.54	0	0.00	N/A
Carfentrazone-ethyl	Rights Of Way	0.18	0	0.00	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Chlorantraniliprole	Landscape Maintenance	12.03	0	0.00	N/A
Chlorantraniliprole	Structural Pest Control	14.74	0	0.00	N/A
Chlorfenapyr	Structural Pest Control	2,927.53	0	0.00	N/A
Chlorine dioxide	Structural Pest Control	< 0.01	0	0.00	N/A
Chlorophacinone	Landscape Maintenance	< 0.01	0	0.00	N/A
Chlorophacinone	Structural Pest Control	< 0.01	0	0.00	N/A
Chloropicrin	Structural Pest Control	1.70	0	0.00	N/A
Chlorothalonil	Landscape Maintenance	5.62	2	2.00	A
Chlorothalonil	Landscape Maintenance	376.22	0	0.00	N/A
Chlorsulfuron	Landscape Maintenance	0.19	0	0.00	N/A
Chlorsulfuron	Rights Of Way	2.25	0	0.00	N/A
Chlorsulfuron	Uncultivated Non-Ag	0.26	0	4.00	A
Cholecalciferol	Landscape Maintenance	< 0.01	0	0.00	N/A
Cholecalciferol	Structural Pest Control	2.90	0	0.00	N/A
Cholecalciferol	Vertebrate Control	< 0.01	0	0.00	N/A
Chromobacterium subtsugae strain: praa4-1	Landscape Maintenance	0.75	0	0.00	N/A
Clarified hydrophobic extract of neem oil	Landscape Maintenance	14.98	0	0.00	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Clethodim	Rights Of Way	0.19	0	0.00	N/A
Clopyralid, monoethanolamine salt	Landscape Maintenance	28.57	0	0.00	N/A
Clopyralid, monoethanolamine salt	Pastureland	77.42	2	220.00	A
Clopyralid, monoethanolamine salt	Rangeland	5.10	1	16.50	A
Clopyralid, monoethanolamine salt	Uncultivated Non-Ag	1.30	0	4.00	A
Clothianidin	Landscape Maintenance	0.23	1	1.00	A
Clothianidin	Structural Pest Control	1.17	0	0.00	N/A
Coconut diethanolamide	Landscape Maintenance	0.12	0	0.00	N/A
Copper ammonium complex	Landscape Maintenance	1.39	0	0.00	N/A
Copper carbonate, basic	Rights Of Way	94.49	0	0.00	N/A
Copper diammonium diacetate complex	Landscape Maintenance	52.56	0	0.00	N/A
Copper ethanolamine complexes, mixed	Rights Of Way	0.30	0	0.00	N/A
Copper ethanolamine complexes, mixed	Water (Industrial)	2.51	0	3.65	A
Copper ethanolamine complexes, mixed	Water Area	8,095.91	0	167,126.66	K
Copper ethylenediamine complex	Water Area	640.93	0	10,193.04	K
Copper hydroxide	Apple	3.52	4	120.00	U
Copper hydroxide	Grape, Wine	0.45	3	0.70	A
Copper hydroxide	Landscape Maintenance	22.78	0	0.00	N/A
Copper hydroxide	Olive	130.12	24	122.91	A
Copper hydroxide	Peach	0.16	1	0.50	A
Copper hydroxide	Rights Of Way	70.92	0	0.00	N/A
Copper hydroxide	Stone Fruit	0.29	4	17.00	U

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Copper oxychloride	Grape, Wine	0.18	1	0.50	A
Copper oxychloride	Landscape Maintenance	25.00	0	0.00	N/A
Copper oxychloride	Olive	144.23	24	122.91	A
Copper oxychloride	Peach	0.18	1	0.50	A
Copper sulfate (pentahydrate)	Water (Industrial)	8.13	0	3.40	A
Coyote urine	Structural Pest Control	< 0.01	0	0.00	N/A
Cuprous oxide	Grape, Wine	74.39	12	79.60	A
Cuprous oxide	Structural Pest Control	0.03	0	0.00	N/A
Cyazofamid	Landscape Maintenance	4.06	0	0.00	N/A
Cyfluthrin	Landscape Maintenance	< 0.01	0	0.00	N/A
Cyfluthrin	Structural Pest Control	3.67	0	0.00	N/A
Cypermethrin	Structural Pest Control	0.21	0	0.00	N/A
Cyprodinil	Grape, Wine	18.05	12	100.72	A
D-trans allethrin	Public Health	< 0.01	0	0.00	N/A
D-trans allethrin	Structural Pest Control	< 0.01	0	0.00	N/A
Ddvp	Landscape Maintenance	0.35	0	0.00	N/A
Ddvp	Structural Pest Control	< 0.01	0	0.00	N/A
Ddvp, other related	Landscape Maintenance	0.03	0	0.00	N/A
Ddvp, other related	Structural Pest Control	< 0.01	0	0.00	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Deltamethrin	Structural Pest Control	194.68	0	0.00	N/A
Diatomaceous earth	Structural Pest Control	10.38	0	0.00	N/A
Dicamba	Landscape Maintenance	1.29	0	0.00	N/A
Dicamba	Rights Of Way	0.22	0	0.00	N/A
Dicamba, dimethylamine salt	Landscape Maintenance	< 0.01	0	0.00	N/A
Dicamba, dimethylamine salt	Structural Pest Control	0.01	0	0.00	N/A
Didecyl dimethyl ammonium chloride	Structural Pest Control	0.11	0	0.00	N/A
Diethylene glycol	Landscape Maintenance	1.38	0	0.00	N/A
Difenoconazole	Grape, Wine	4.46	7	70.08	A
Difenoconazole	Landscape Maintenance	6.01	0	0.00	N/A
Difethialone	Structural Pest Control	< 0.01	0	0.00	N/A
Dikegulac sodium	Landscape Maintenance	0.29	0	0.00	N/A
Dimethylpolysiloxane	Landscape Maintenance	0.07	0	0.00	N/A
Dinotefuran	Landscape Maintenance	49.08	0	0.00	N/A
Dinotefuran	Structural Pest Control	632.58	0	0.00	N/A
Dioctyl dimethyl ammonium chloride	Structural Pest Control	0.09	0	0.00	N/A
Diphacinone	Landscape Maintenance	< 0.01	0	0.00	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Diphacinone	Structural Pest Control	0.62	0	0.00	N/A
Diphacinone, sodium salt	Structural Pest Control	< 0.01	0	0.00	N/A
Diquat dibromide	Landscape Maintenance	32.82	0	0.00	N/A
Diquat dibromide	N-Outdr Plants In Containers	0.32	8	23,000.00	S
Diquat dibromide	Rights Of Way	65.77	0	0.00	N/A
Diquat dibromide	Water (Industrial)	41.95	0	7.05	A
Diquat dibromide	Water Area	1,286.55	0	169.50	A
Disodium octaborate anhydrous	Rights Of Way	147.09	0	0.00	N/A
Disodium octaborate tetrahydrate	Landscape Maintenance	0.57	0	0.00	N/A
Disodium octaborate tetrahydrate	Rights Of Way	0.26	0	0.00	N/A
Disodium octaborate tetrahydrate	Structural Pest Control	8,165.30	0	0.00	N/A
Disulfoton	Landscape Maintenance	0.06	0	0.00	N/A
Dithiopyr	Landscape Maintenance	131.59	0	0.00	N/A
Dithiopyr	Rights Of Way	63.61	0	0.00	N/A
Diuron	Rights Of Way	1.94	0	0.00	N/A
Dodecylbenzene sulfonic acid	Landscape Maintenance	0.52	0	0.00	N/A
Edta, tetrasodium salt	Landscape Maintenance	0.03	0	0.00	N/A
Emamectin benzoate	Landscape Maintenance	0.11	0	0.00	N/A
Emamectin benzoate	Structural Pest Control	< 0.01	0	0.00	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Esfenvalerate	Landscape Maintenance	< 0.01	0	0.00	N/A
Esfenvalerate	Structural Pest Control	1,821.95	0	0.00	N/A
Ethephon	Landscape Maintenance	90.45	0	0.00	N/A
Ethephon	Structural Pest Control	0.45	0	0.00	N/A
Ethofumesate	Landscape Maintenance	144.66	0	0.00	N/A
Etofenprox	Public Health	1.00	0	0.00	N/A
Etofenprox	Structural Pest Control	0.33	0	0.00	N/A
Ferric sodium edta	Landscape Maintenance	0.07	0	0.00	N/A
Fipronil	Landscape Maintenance	< 0.01	0	0.00	N/A
Fipronil	Structural Pest Control	1,188.77	0	0.00	N/A
Flazasulfuron	Grape, Wine	0.55	7	14.79	A
Fluazifop-p-butyl	Landscape Maintenance	1.18	0	0.00	N/A
Fluazinam	Landscape Maintenance	54.10	0	0.00	N/A
Fludioxonil	Grape, Wine	8.60	4	39.44	A
Fludioxonil	Landscape Maintenance	4.00	0	0.00	N/A
Flumioxazin	Grape, Wine	5.28	7	14.79	A
Flumioxazin	Rights Of Way	0.27	0	0.00	N/A
Fluopicolide	Landscape Maintenance	0.49	0	0.00	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Fluopyram	Grape, Wine	1.52	4	31.75	A
Fluopyram	Landscape Maintenance	1.77	0	0.00	N/A
Flupyradifurone	Landscape Maintenance	4.65	0	0.00	N/A
Flurprimidol	Landscape Maintenance	0.26	0	0.00	N/A
Flutolanil	Landscape Maintenance	7.54	0	0.00	N/A
Fluxapyroxad	Landscape Maintenance	1.40	0	0.00	N/A
Foramsulfuron	Landscape Maintenance	0.09	0	0.00	N/A
Fosetyl-al	Landscape Maintenance	70.40	0	0.00	N/A
Fox urine	Structural Pest Control	< 0.01	0	0.00	N/A
Gamma-cyhalothrin	Structural Pest Control	1.03	0	0.00	N/A
Glufosinate-ammonium	Grape, Wine	49.98	20	96.62	A
Glufosinate-ammonium	Landscape Maintenance	63.27	0	0.00	N/A
Glufosinate-ammonium	Rights Of Way	8.92	0	0.00	N/A
Glutaraldehyde	Water (Industrial)	99.05	0	2.00	U
Glycerol	Landscape Maintenance	0.25	0	0.00	N/A
Glyphosate, dimethylamine salt	Rights Of Way	383.94	0	0.00	N/A
Glyphosate, isopropylamine salt	Grape, Wine	4.00	1	5.00	A
Glyphosate, isopropylamine salt	Landscape Maintenance	597.42	0	0.00	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Glyphosate, isopropylamine salt	Regulatory Pest Control	0.21	0	0.00	N/A
Glyphosate, isopropylamine salt	Rights Of Way	100.58	0	0.00	N/A
Glyphosate, isopropylamine salt	Uncultivated Non-Ag	4.07	0	2.00	A
Glyphosate, monoammonium salt	Landscape Maintenance	21.76	0	0.00	N/A
Glyphosate, monoammonium salt	N-Outdr Plants In Containers	8.06	8	23,000.00	S
Glyphosate, potassium salt	Grape, Wine	0.69	1	2.00	A
Glyphosate, potassium salt	Landscape Maintenance	143.58	0	0.00	N/A
Glyphosate, potassium salt	N-Outdr Plants In Containers	5.00	6	14,500.00	S
Halosulfuron-methyl	Landscape Maintenance	0.13	0	0.00	N/A
Hexaflumuron	Structural Pest Control	0.02	0	0.00	N/A
Hydramethylnon	Structural Pest Control	3.11	0	0.00	N/A
Hydrogen peroxide	Grape, Wine	37.35	1	15.00	A
Hydrogen peroxide	Water (Industrial)	1,346.61	0	4.00	U
Hydroprene	Regulatory Pest Control	0.01	0	0.00	N/A
Hydroprene	Structural Pest Control	9.84	0	0.00	N/A
Imazamox, ammonium salt	Landscape Maintenance	0.72	0	0.00	N/A
Imazamox, ammonium salt	Water (Industrial)	4.20	0	4.50	A
Imazapyr, isopropylamine salt	Landscape Maintenance	5.42	0	0.00	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Imazapyr, isopropylamine salt	Regulatory Pest Control	0.06	0	0.00	N/A
Imazapyr, isopropylamine salt	Rights Of Way	6.88	0	0.00	N/A
Imazapyr, isopropylamine salt	Water Area	2.01	0	1,535.00	S
Imazosulfuron	Landscape Maintenance	0.75	0	0.00	N/A
Imidacloprid	Landscape Maintenance	729.23	0	0.00	N/A
Imidacloprid	N-Grnhs Plants In Containers	< 0.01	1	4,500.00	S
Imidacloprid	N-Outdr Plants In Containers	0.03	1	600.00	S
Imidacloprid	Regulatory Pest Control	< 0.01	0	0.00	N/A
Imidacloprid	Structural Pest Control	107.84	0	0.00	N/A
Indaziflam	Rights Of Way	6.43	0	0.00	N/A
Indaziflam	Uncultivated Non-Ag	0.12	0	1.00	A
Indoxacarb	Landscape Maintenance	1.21	0	0.00	N/A
Indoxacarb	Structural Pest Control	1.90	0	0.00	N/A
Iprodione	Landscape Maintenance	82.01	0	0.00	N/A
Iron phosphate	Landscape Maintenance	0.67	0	0.00	N/A
Iron phosphate	Structural Pest Control	0.03	0	0.00	N/A
Iron phosphate	Uncultivated Ag	0.60	3	0.75	A
Iron phosphate	Uncultivated Ag	0.64	31	46,025.00	S

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Isopropyl alcohol	Landscape Maintenance	0.16	0	0.00	N/A
Isopropyl alcohol	Structural Pest Control	9.03	0	0.00	N/A
Isoxaben	Landscape Maintenance	9.83	0	0.00	N/A
Isoxaben	Rights Of Way	123.42	0	0.00	N/A
Kaolin	Olive	2,362.18	25	107.69	A
Lambda-cyhalothrin	Landscape Maintenance	< 0.01	0	0.00	N/A
Lambda-cyhalothrin	Public Health	< 0.01	0	0.00	N/A
Lambda-cyhalothrin	Structural Pest Control	185.35	0	0.00	N/A
Lecithin	Rights Of Way	14.11	0	0.00	N/A
Limonene	Landscape Maintenance	0.49	0	0.00	N/A
Limonene	Structural Pest Control	19.57	0	0.00	N/A
Mancozeb	Landscape Maintenance	175.35	0	0.00	N/A
Mcpp-p, dma salt	Landscape Maintenance	0.02	0	0.00	N/A
Mecoprop-p	Landscape Maintenance	3.00	0	0.00	N/A
Mefenoxam	Landscape Maintenance	6.06	0	0.00	N/A
Mefenoxam	Structural Pest Control	0.77	0	0.00	N/A
Mefentrifluconazole	Landscape Maintenance	15.82	0	0.00	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Metalaxyl	Landscape Maintenance	1.30	0	0.00	N/A
Metam-sodium	Rights Of Way	1,142.89	0	0.00	N/A
Metconazole	Landscape Maintenance	2.00	0	0.00	N/A
Methyl anthranilate	Structural Pest Control	0.05	0	0.00	N/A
Methylated soybean oil	Rights Of Way	15.18	0	0.00	N/A
Metofluthrin	Structural Pest Control	< 0.01	0	0.00	N/A
Mineral oil	Grape, Wine	741.26	38	294.32	A
Mineral oil	Grape, Wine	16.78	0	5,300.00	U
Mineral oil	Landscape Maintenance	4,430.13	0	0.00	N/A
Mineral oil	N-Grnhs Plants In Containers	16.74	4	14,500.00	S
Mineral oil	Peach	3.50	1	0.50	A
Mineral oil	Public Health	4.84	0	0.00	N/A
Mineral oil	Structural Pest Control	4.19	0	0.00	N/A
Muscalure	Structural Pest Control	< 0.01	0	0.00	N/A
Myclobutanil	Grape, Wine	0.50	1	5.00	A
Myclobutanil	Landscape Maintenance	1.30	0	0.00	N/A
N-octyl bicycloheptene dicarboximide	Regulatory Pest Control	< 0.01	0	0.00	N/A
N-octyl bicycloheptene dicarboximide	Structural Pest Control	6.13	0	0.00	N/A
Novaluron	Landscape Maintenance	0.02	0	0.00	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Novaluron	Structural Pest Control	1.69	0	0.00	N/A
Noviflumuron	Structural Pest Control	2.69	0	0.00	N/A
Octyl decyl dimethyl ammonium chloride	Structural Pest Control	0.18	0	0.00	N/A
Oleic acid, ethyl ester	Landscape Maintenance	91.99	0	0.00	N/A
Oxadiazon	Landscape Maintenance	2.00	0	0.00	N/A
Paclobutrazol	Landscape Maintenance	113.22	0	0.00	N/A
Pendimethalin	Landscape Maintenance	59.70	0	0.00	N/A
Pendimethalin	N-Outdr Plants In Containers	0.12	4	11,500.00	S
Penoxsulam	Landscape Maintenance	1.66	0	0.00	N/A
Penthiopyrad	Landscape Maintenance	2.06	0	0.00	N/A
Permethrin	Landscape Maintenance	94.44	0	0.00	N/A
Permethrin	Structural Pest Control	86.14	0	0.00	N/A
Peroxyacetic acid	Grape, Wine	2.76	1	15.00	A
Peroxyacetic acid	Water (Industrial)	284.57	0	4.00	U
Phenothrin	Public Health	< 0.01	0	0.00	N/A
Phenothrin	Regulatory Pest Control	< 0.01	0	0.00	N/A
Phenothrin	Structural Pest Control	0.32	0	0.00	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Phenylethyl propionate	Structural Pest Control	0.30	0	0.00	N/A
Phosphoric acid	Landscape Maintenance	0.10	0	0.00	N/A
Piperonyl butoxide	Landscape Maintenance	28.91	0	0.00	N/A
Piperonyl butoxide	Public Health	54.40	0	0.00	N/A
Piperonyl butoxide	Structural Pest Control	2,471.64	0	0.00	N/A
Piperonyl butoxide, other related	Public Health	10.82	0	0.00	N/A
Piperonyl butoxide, other related	Structural Pest Control	9.20	0	0.00	N/A
Poe isoctadecanol	Public Health	0.22	0	0.00	N/A
Polyethylene glycol stearate	Landscape Maintenance	9.86	0	0.00	N/A
Polyoxin d, zinc salt	Grape, Wine	1.95	5	46.07	A
Polyoxin d, zinc salt	Landscape Maintenance	1.08	0	0.00	N/A
Potassium bicarbonate	Grape, Wine	19.04	2	4.60	A
Potassium bicarbonate	Landscape Maintenance	0.05	0	0.00	N/A
Potassium laurate	Landscape Maintenance	2.65	0	0.00	N/A
Potassium phosphite	Landscape Maintenance	11,321.54	0	0.00	N/A
Potassium phosphite	N-Grnhs Flower	56.81	0	102.00	U
Potassium phosphite	N-Outdr Flower	25.82	0	85.00	U
Potassium phosphite	Structural Pest Control	33.76	0	0.00	N/A
Prallethrin	Landscape Maintenance	0.02	0	0.00	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Prallethrin	Public Health	< 0.01	0	0.00	N/A
Prallethrin	Structural Pest Control	464.81	0	0.00	N/A
Prodiamine	Landscape Maintenance	1,589.14	0	0.00	N/A
Propiconazole	Landscape Maintenance	11.16	3	3.00	A
Propiconazole	Landscape Maintenance	88.78	0	0.00	N/A
Propiconazole	Structural Pest Control	0.76	0	0.00	N/A
Propylene glycol	Landscape Maintenance	26.84	0	0.00	N/A
Pyraclostrobin	Landscape Maintenance	50.19	0	0.00	N/A
Pyraflufen-ethyl	Landscape Maintenance	< 0.01	0	0.00	N/A
Pyrethrins	Landscape Maintenance	2.92	0	0.00	N/A
Pyrethrins	Public Health	11.95	0	0.00	N/A
Pyrethrins	Structural Pest Control	7.90	0	0.00	N/A
Pyrimethanil	Grape, Wine	2.99	3	26.75	A
Pyriofenone	Grape, Wine	5.70	6	58.46	A
Pyriproxyfen	Landscape Maintenance	0.15	0	0.00	N/A
Pyriproxyfen	Structural Pest Control	37.94	0	0.00	N/A
Quinclorac	Structural Pest Control	0.06	0	0.00	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Quinclorac, dimethylamine salt	Landscape Maintenance	11.97	0	0.00	N/A
Quinoxifen	Grape, Wine	4.90	6	51.07	A
Reynoutria sachalinensis (giant knotweed) plant extract	Grape, Wine	9.78	6	35.16	A
Rimsulfuron	Rights Of Way	2.35	0	0.00	N/A
S-methoprene	Public Health	166.70	0	0.00	N/A
S-methoprene	Structural Pest Control	0.08	0	0.00	N/A
Silica gel	Public Health	44.44	0	0.00	N/A
Silica gel	Structural Pest Control	26.65	0	0.00	N/A
Silicone defoamer	Landscape Maintenance	0.01	0	0.00	N/A
Sodium bromide	Water (Industrial)	29.65	0	2.00	U
Sodium hypochlorite	Water (Industrial)	20.43	0	2.00	U
Sodium hypochlorite	Water Systems - Human Potable/Drinking	1.40	0	3.00	U
Sodium percarbonate	Water (Industrial)	727.60	0	83.70	A
Sodium tetraborate decahydrate	Rights Of Way	3,382.10	0	0.00	N/A
Sodium tetraborate decahydrate	Structural Pest Control	16.42	0	0.00	N/A
Sodium xylene sulfonate	Landscape Maintenance	0.16	0	0.00	N/A
Spinosad	Grape, Wine	0.95	1	15.50	A
Spinosad	Landscape Maintenance	2.70	0	0.00	N/A
Spinosad	Olive	< 0.01	10	54.25	A
Spinosad	Public Health	19.42	0	0.00	N/A
Spirotetramat	Grape, Wine	0.89	1	7.04	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Spirotetramat	N-Grnhs Plants In Containers	< 0.01	1	5,000.00	S
Sulfentrazone	Rights Of Way	0.03	0	0.00	N/A
Sulfentrazone	Structural Pest Control	< 0.01	0	0.00	N/A
Sulfometuron-methyl	Rights Of Way	0.22	0	0.00	N/A
Sulfur	Grape, Wine	2,759.06	54	488.47	A
Sulfur	Pastureland	51.20	4	20.00	A
Sulfuryl fluoride	Structural Pest Control	14,456.41	0	0.00	N/A
Tebuconazole	Grape, Wine	0.52	1	5.00	A
Tebuconazole	Landscape Maintenance	70.99	0	0.00	N/A
Tebuthiuron	Rights Of Way	0.65	0	0.00	N/A
Tetramethrin	Structural Pest Control	0.04	0	0.00	N/A
Tetraniliprole	Landscape Maintenance	0.28	0	0.00	N/A
Tetrapotassium pyrophosphate	Landscape Maintenance	0.08	0	0.00	N/A
Thiabendazole, hypophosphite salt	Landscape Maintenance	6.91	0	0.00	N/A
Thiamethoxam	Structural Pest Control	1.68	0	0.00	N/A
Thiophanate-methyl	Landscape Maintenance	16.72	0	0.00	N/A
Thyme oil	Structural Pest Control	0.06	0	0.00	N/A
Thymol	Structural Pest Control	0.03	0	0.00	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Topramezone	Landscape Maintenance	0.32	0	0.00	N/A
Triadimefon	Landscape Maintenance	8.05	0	0.00	N/A
Triclopyr choline	Landscape Maintenance	244.83	0	0.00	N/A
Triclopyr choline	Rights Of Way	1.20	0	0.00	N/A
Triclopyr choline	Uncultivated Non-Ag	5.67	0	4.00	A
Triclopyr, butoxyethyl ester	Landscape Maintenance	237.94	0	0.00	N/A
Triclopyr, butoxyethyl ester	Rights Of Way	0.41	0	0.00	N/A
Triclopyr, butoxyethyl ester	Structural Pest Control	< 0.01	0	0.00	N/A
Triclopyr, triethylamine salt	Landscape Maintenance	5.25	0	0.00	N/A
Triethanolamine	Landscape Maintenance	0.20	0	0.00	N/A
Trifloxystrobin	Landscape Maintenance	3.61	0	0.00	N/A
Trifluralin	Landscape Maintenance	11.08	0	0.00	N/A
Trinexapac-ethyl	Landscape Maintenance	73.09	0	0.00	N/A
Triptolide	Structural Pest Control	< 0.01	0	0.00	N/A
Triticonazole	Landscape Maintenance	2.11	0	0.00	N/A
Warfarin	Landscape Maintenance	0.01	0	0.00	N/A
Warfarin	Structural Pest Control	< 0.01	0	0.00	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Z,e-9,12-tetradecadien-1-yl acetate	Structural Pest Control	0.18	0	0.00	N/A
Zeta-cypermethrin	Structural Pest Control	0.04	0	0.00	N/A
Zinc phosphide	Structural Pest Control	0.02	0	0.00	N/A