

# 2022 Annual Statewide Pesticide Use Report Indexed by Commodity Marin 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.

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Food processing plant	Alkyl (60% <sup>c14</sup> , 30% <sup>c16</sup> , 5% <sup>c12</sup> , 5% <sup>c18</sup> ) dimethylbenzyl ammonium chloride	8.28	N/A	1.0	U
Food processing plant	Alkyl (68% <sup>c12</sup> , 32% <sup>c14</sup> ) dimethylethylbenzyl ammonium chloride	8.28	N/A	1.0	U
Grape	Mineral oil	10.36	N/A	2,460.0	U
Grape, wine	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	4.16	1	15.48	A
Grape, wine	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	0.87	8	62.32	A
Grape, wine	Alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	0.05	6	0.6	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	Alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	30.2	38	257.29	A
Grape, wine	Bacillus amyloliquefaciens strain d747	220.88	6	50.13	A
Grape, wine	Bacillus amyloliquefaciens strain f727	246.28	3	30.62	A
Grape, wine	Bacillus amyloliquefaciens strain mbi 600	1.09	9	34.62	A
Grape, wine	Bacillus pumilus, strain qst 2808	7.97	5	68.44	A
Grape, wine	Bacillus subtilis strain iab/bs03	0.37	6	30.94	A
Grape, wine	Carbo methoxy ether cellulose, sodium salt	0.3	4	61.92	A
Grape, wine	Copper hydroxide	11.08	9	33.0	A
Grape, wine	Copper oxychloride	11.65	5	32.6	A
Grape, wine	Cuprous oxide	14.63	6	21.0	A
Grape, wine	Fluopyram	2.37	2	23.0	A
Grape, wine	Glyphosate, potassium salt	15.17	3	12.5	A
Grape, wine	Heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	0.05	4	0.4	A
Grape, wine	Hydrogen peroxide	44.36	1	18.0	A
Grape, wine	Mineral oil	14,628.42	21	147.2	A
Grape, wine	Mineral oil	25.66	N/A	4,740.0	U
Grape, wine	Myclobutanil	0.5	1	5.0	A
Grape, wine	Poly-i-para-menthene	8.54	4	76.84	A
Grape, wine	Polyalkene oxide modified heptamethyl trisiloxane	0.04	6	0.6	A
Grape, wine	Polyethylene glycol	0.07	4	0.4	A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
Grape, wine	Potassium bicarbonate	23.81	5	9.2	A
Grape, wine	Propylene glycol	0.09	6	0.6	A
Grape, wine	Qst 713 strain of dried bacillus subtilis	5.46	4	41.48	A
Grape, wine	Quillaja	0.61	4	61.92	A
Grape, wine	Quinoxifen	0.48	1	5.0	A
Grape, wine	Reynoutria sachalinensis	10.04	4	45.38	A
Grape, wine	Sodium bisulfate	6.56	1	18.0	A
Grape, wine	Styrene butadiene copolymer	0.12	6	0.6	A
Grape, wine	Sulfur	2,403.63	52	461.22	A
Grape, wine	Tall oil fatty acids	0.07	4	0.4	A
Grape, wine	Tebuconazole	2.37	2	23.0	A
Landscape maintenance	2,4-d	12.4	N/A	N/A	N/A
Landscape maintenance	2,4-d, 2-ethylhexyl ester	29.91	N/A	N/A	N/A
Landscape maintenance	2,4-d, dimethylamine salt	0.4	N/A	N/A	N/A
Landscape maintenance	2,4-dp-p, isooctyl ester	3.37	N/A	N/A	N/A
Landscape maintenance	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	7.64	N/A	N/A	N/A
Landscape maintenance	Abamectin	0.02	N/A	N/A	N/A
Landscape maintenance	Acephate	0.12	N/A	N/A	N/A
Landscape maintenance	Acetamiprid	0.4	N/A	N/A	N/A
Landscape maintenance	Acibenzolar-s-methyl	0.38	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
Landscape maintenance	Alkyl (c8,c10) polyglucoside	12.57	N/A	N/A	N/A
Landscape maintenance	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	265.99	N/A	N/A	N/A
Landscape maintenance	Alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	6.78	N/A	N/A	N/A
Landscape maintenance	Aminopyralid, triisopropanolamine salt	3.93	N/A	N/A	N/A
Landscape maintenance	Ammonium nitrate	5.82	N/A	N/A	N/A
Landscape maintenance	Ammonium nonanoate	25.7	7	7.95	A
Landscape maintenance	Ammonium nonanoate	3.34	1	100.0	S
Landscape maintenance	Ammonium sulfate	11.65	N/A	N/A	N/A
Landscape maintenance	Azadirachtin	0.29	N/A	N/A	N/A
Landscape maintenance	Azoxystrobin	26.65	N/A	N/A	N/A
Landscape maintenance	Bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	0.04	N/A	N/A	N/A
Landscape maintenance	Bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	24.63	N/A	N/A	N/A
Landscape maintenance	Benzoic acid	0.05	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
Landscape maintenance	Benzovindiflupyr	2.23	N/A	N/A	N/A
Landscape maintenance	Beta-cyfluthrin	0.12	N/A	N/A	N/A
Landscape maintenance	Bifenazate	0.39	N/A	N/A	N/A
Landscape maintenance	Bifenthrin	21.85	N/A	N/A	N/A
Landscape maintenance	Boric acid	34.35	N/A	N/A	N/A
Landscape maintenance	Boscalid	34.85	N/A	N/A	N/A
Landscape maintenance	Bromethalin	0.02	N/A	N/A	N/A
Landscape maintenance	Calcium chloride	0.05	N/A	N/A	N/A
Landscape maintenance	Canola oil	0.32	N/A	N/A	N/A
Landscape maintenance	Capric acid	112.12	N/A	N/A	N/A
Landscape maintenance	Caprylic acid	148.54	N/A	N/A	N/A
Landscape maintenance	Carbon	0.02	N/A	N/A	N/A
Landscape maintenance	Carbon dioxide	12.56	N/A	N/A	N/A
Landscape maintenance	Carfentrazone-ethyl	6.61	N/A	N/A	N/A
Landscape maintenance	Chlorantraniliprole	20.39	N/A	N/A	N/A
Landscape maintenance	Chlorophacinone	0.01	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
Landscape maintenance	Chlorothalonil	2.83	1	1.0	A
Landscape maintenance	Chlorothalonil	449.13	N/A	N/A	N/A
Landscape maintenance	Chlorsulfuron	<0.01	N/A	N/A	N/A
Landscape maintenance	Cholecalciferol	<0.01	N/A	N/A	N/A
Landscape maintenance	Chromobacterium subtsugae strain praa4-1	0.54	N/A	N/A	N/A
Landscape maintenance	Citric acid	0.13	N/A	N/A	N/A
Landscape maintenance	Clarified hydrophobic extract of neem oil	11.76	N/A	N/A	N/A
Landscape maintenance	Clopyralid, monoethanolamine salt	32.51	N/A	N/A	N/A
Landscape maintenance	Clothianidin	0.02	N/A	N/A	N/A
Landscape maintenance	Coconut diethanolamide	1.33	N/A	N/A	N/A
Landscape maintenance	Copper ammonium carbonate	0.1	N/A	N/A	N/A
Landscape maintenance	Copper ammonium complex	0.49	N/A	N/A	N/A
Landscape maintenance	Copper diammonium diacetate complex	0.01	N/A	N/A	N/A
Landscape maintenance	Copper hydroxide	26.97	N/A	N/A	N/A
Landscape maintenance	Copper oxychloride	29.59	N/A	N/A	N/A
Landscape maintenance	Cuprous oxide	0.08	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
Landscape maintenance	Cyazofamid	4.15	N/A	N/A	N/A
Landscape maintenance	Cyfluthrin	0.01	N/A	N/A	N/A
Landscape maintenance	Deltamethrin	<0.01	N/A	N/A	N/A
Landscape maintenance	Dicamba	3.03	N/A	N/A	N/A
Landscape maintenance	Dicamba, dimethylamine salt	0.14	N/A	N/A	N/A
Landscape maintenance	Diethylene glycol	1.78	N/A	N/A	N/A
Landscape maintenance	Difenoconazole	7.46	N/A	N/A	N/A
Landscape maintenance	Dikegulac sodium	0.12	N/A	N/A	N/A
Landscape maintenance	Dimethyl alkyl tertiary amines	0.06	N/A	N/A	N/A
Landscape maintenance	Dimethylpolysiloxane	0.1	N/A	N/A	N/A
Landscape maintenance	Dinotefuran	29.2	N/A	N/A	N/A
Landscape maintenance	Diphacinone	0.02	N/A	N/A	N/A
Landscape maintenance	Diquat dibromide	14.0	N/A	N/A	N/A
Landscape maintenance	Dithiopyr	64.36	N/A	N/A	N/A
Landscape maintenance	Dodecylbenzene sulfonic acid	5.78	N/A	N/A	N/A
Landscape maintenance	Edta, tetrasodium salt	0.36	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
Landscape maintenance	Emamectin benzoate	0.14	N/A	N/A	N/A
Landscape maintenance	Esfenvalerate	<0.01	N/A	N/A	N/A
Landscape maintenance	Ethephon	94.51	N/A	N/A	N/A
Landscape maintenance	Ethofumesate	267.83	N/A	N/A	N/A
Landscape maintenance	Ferric sodium edta	0.09	N/A	N/A	N/A
Landscape maintenance	Fipronil	0.04	N/A	N/A	N/A
Landscape maintenance	Fluazifop-p-butyl	2.4	N/A	N/A	N/A
Landscape maintenance	Fluazinam	27.36	N/A	N/A	N/A
Landscape maintenance	Fludioxonil	24.63	N/A	N/A	N/A
Landscape maintenance	Flumioxazin	0.03	N/A	N/A	N/A
Landscape maintenance	Fluopicolide	0.66	N/A	N/A	N/A
Landscape maintenance	Fluopyram	1.78	N/A	N/A	N/A
Landscape maintenance	Flupyradifurone	2.44	N/A	N/A	N/A
Landscape maintenance	Fluxapyroxad	2.63	N/A	N/A	N/A
Landscape maintenance	Foramsulfuron	0.14	N/A	N/A	N/A
Landscape maintenance	Fosetyl-al	0.45	N/A	N/A	N/A



<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
Landscape maintenance	Glufosinate-ammonium	59.25	N/A	N/A	N/A
Landscape maintenance	Glycerol	0.01	N/A	N/A	N/A
Landscape maintenance	Glyphosate, isopropylamine salt	101.83	23	41.9	A
Landscape maintenance	Glyphosate, isopropylamine salt	510.67	N/A	N/A	N/A
Landscape maintenance	Glyphosate, monoammonium salt	0.96	N/A	N/A	N/A
Landscape maintenance	Glyphosate, potassium salt	354.6	N/A	N/A	N/A
Landscape maintenance	Hydramethylnon	<0.01	N/A	N/A	N/A
Landscape maintenance	Hydrogen peroxide	14.84	N/A	N/A	N/A
Landscape maintenance	Imazamox, ammonium salt	0.05	N/A	N/A	N/A
Landscape maintenance	Imazapyr, isopropylamine salt	3.82	N/A	N/A	N/A
Landscape maintenance	Imidacloprid	878.42	N/A	N/A	N/A
Landscape maintenance	Indoxacarb	0.82	N/A	N/A	N/A
Landscape maintenance	Iprodione	0.94	1	1.0	A
Landscape maintenance	Iprodione	138.44	N/A	N/A	N/A
Landscape maintenance	Iron phosphate	0.57	N/A	N/A	N/A
Landscape maintenance	Isopropyl alcohol	1.76	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
Landscape maintenance	Isoxaben	28.96	N/A	N/A	N/A
Landscape maintenance	Limonene	5.01	N/A	N/A	N/A
Landscape maintenance	Mancozeb	45.68	N/A	N/A	N/A
Landscape maintenance	Mcpp, dimethylamine salt	0.18	N/A	N/A	N/A
Landscape maintenance	Mcpp-p, dimethylamine salt	0.36	N/A	N/A	N/A
Landscape maintenance	Mecoprop-p	8.18	N/A	N/A	N/A
Landscape maintenance	Mefenoxam	7.16	N/A	N/A	N/A
Landscape maintenance	Mefenoxam, other related	0.13	N/A	N/A	N/A
Landscape maintenance	Mefentrifluconazole	5.64	N/A	N/A	N/A
Landscape maintenance	Metalaxyl	2.82	N/A	N/A	N/A
Landscape maintenance	Metconazole	1.5	N/A	N/A	N/A
Landscape maintenance	Methylated fatty acids from canola oil	2.55	N/A	N/A	N/A
Landscape maintenance	Methylated soybean oil	2.09	N/A	N/A	N/A
Landscape maintenance	Mineral oil	1,392.78	N/A	N/A	N/A
Landscape maintenance	Myclobutanil	1.38	N/A	N/A	N/A
Landscape maintenance	Naa, ammonium salt	0.35	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
Landscape maintenance	Novaluron	0.02	N/A	N/A	N/A
Landscape maintenance	Oleic acid, ethyl ester	104.36	N/A	N/A	N/A
Landscape maintenance	Oleic acid, methyl ester	1.69	N/A	N/A	N/A
Landscape maintenance	Organosilicone, poly oxyalkylene ether copolymer	100.39	N/A	N/A	N/A
Landscape maintenance	Paclobutrazol	109.22	N/A	N/A	N/A
Landscape maintenance	Pcnb	24.6	N/A	N/A	N/A
Landscape maintenance	Pendimethalin	95.82	N/A	N/A	N/A
Landscape maintenance	Penoxsulam	0.21	N/A	N/A	N/A
Landscape maintenance	Penthiopyrad	14.19	N/A	N/A	N/A
Landscape maintenance	Permethrin	126.59	N/A	N/A	N/A
Landscape maintenance	Phosphoric acid	1.14	N/A	N/A	N/A
Landscape maintenance	Piperonyl butoxide	11.42	N/A	N/A	N/A
Landscape maintenance	Piperonyl butoxide, other related	0.53	N/A	N/A	N/A
Landscape maintenance	Polyalkene oxide modified heptamethyl trisiloxane	30.5	N/A	N/A	N/A
Landscape maintenance	Polyethylene glycol stearate	5.85	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
Landscape maintenance	Polyoxyethylene dioleate	14.17	N/A	N/A	N/A
Landscape maintenance	Polyoxyethylene sorbitan monooleate	4.05	N/A	N/A	N/A
Landscape maintenance	Potash soap	2.73	N/A	N/A	N/A
Landscape maintenance	Potassium phosphite	19,539.12	N/A	N/A	N/A
Landscape maintenance	Prallethrin	<0.01	N/A	N/A	N/A
Landscape maintenance	Prodiamine	1,762.56	N/A	N/A	N/A
Landscape maintenance	Propiconazole	58.69	N/A	N/A	N/A
Landscape maintenance	Propylene glycol	45.28	N/A	N/A	N/A
Landscape maintenance	Pyraclostrobin	64.93	N/A	N/A	N/A
Landscape maintenance	Pyraflufen-ethyl	<0.01	N/A	N/A	N/A
Landscape maintenance	Pyrethrins	1.2	N/A	N/A	N/A
Landscape maintenance	Pyriproxyfen	0.17	N/A	N/A	N/A
Landscape maintenance	Quinclorac	0.01	N/A	N/A	N/A
Landscape maintenance	Quinclorac, dimethylamine salt	13.12	N/A	N/A	N/A
Landscape maintenance	Silicone defoamer	0.15	N/A	N/A	N/A
Landscape maintenance	Sodium nitrate	0.11	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
Landscape maintenance	Sodium xylene sulfonate	1.78	N/A	N/A	N/A
Landscape maintenance	Spinosad	1.5	N/A	N/A	N/A
Landscape maintenance	Spiromesifen	<0.01	N/A	N/A	N/A
Landscape maintenance	Strychnine	<0.01	N/A	N/A	N/A
Landscape maintenance	Sulfentrazone	<0.01	N/A	N/A	N/A
Landscape maintenance	Sulfur	0.08	N/A	N/A	N/A
Landscape maintenance	Tall oil fatty acids	3.29	N/A	N/A	N/A
Landscape maintenance	Tebuconazole	31.74	N/A	N/A	N/A
Landscape maintenance	Tetrapotassium pyrophosphate	0.89	N/A	N/A	N/A
Landscape maintenance	Thiabendazole, hypophosphite salt	2.23	N/A	N/A	N/A
Landscape maintenance	Thiophanate-methyl	44.4	N/A	N/A	N/A
Landscape maintenance	Topramezone	0.34	N/A	N/A	N/A
Landscape maintenance	Triadimefon	2.58	N/A	N/A	N/A
Landscape maintenance	Triclopyr choline	52.56	N/A	N/A	N/A
Landscape maintenance	Triclopyr, butoxyethyl ester	274.16	N/A	N/A	N/A
Landscape maintenance	Triethanolamine	2.27	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
Landscape maintenance	Trifloxystrobin	3.98	N/A	N/A	N/A
Landscape maintenance	Trifluralin	2.0	N/A	N/A	N/A
Landscape maintenance	Trinexapac-ethyl	79.1	N/A	N/A	N/A
Landscape maintenance	Warfarin	0.03	N/A	N/A	N/A
N-grnhs plants in containers	Azadirachtin	0.01	1	5,000.0	?
N-grnhs plants in containers	Azadirachtin	0.02	3	9,000.0	S
N-grnhs plants in containers	Chlorfenapyr	0.01	1	3,045.0	S
N-grnhs plants in containers	Cyantraniliprole	0.06	2	6,000.0	S
N-grnhs plants in containers	Imidacloprid	0.01	1	5,000.0	?
N-grnhs plants in containers	Spirotetramat	0.01	1	3,000.0	S
N-outdr plants in containers	Diquat dibromide	0.54	18	37,200.0	S
N-outdr plants in containers	Glyphosate, isopropylamine salt	13.1	17	35,700.0	S
N-outdr plants in containers	Glyphosate, monoammonium salt	0.55	1	1,500.0	S
N-outdr plants in containers	Iron phosphate	0.02	4	4,500.0	S
N-outdr plants in containers	Pendimethalin	0.18	9	17,500.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Olive	Alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	0.58	1	2.0	A
Olive	Copper hydroxide	97.89	23	95.03	A
Olive	Copper hydroxide	1.18	5	16,600.0	S
Olive	Copper oxychloride	108.5	23	95.03	A
Olive	Copper oxychloride	1.31	5	16,600.0	S
Olive	Kaolin	3,684.58	39	175.32	A
Olive	Spinosad	0.03	40	199.78	A
Pastureland	2,4-d, dimethylamine salt	53.45	2	95.0	A
Pastureland	Aminopyralid, triisopropanolamine salt	87.14	9	435.0	A
Pastureland	Aminopyralid, triisopropanolamine salt	1.35	5	280,000.0	S
Pastureland	Benzoic acid	2.28	7	400.0	A
Pastureland	Clopyralid, monoethanolamine salt	88.7	8	340.0	A
Pastureland	Dimethyl alkyl tertiary amines	2.49	7	400.0	A
Pastureland	Methylated soybean oil	87.03	7	400.0	A
Pastureland	Oleic acid, ethyl ester	119.17	7	400.0	A
Pastureland	Polyethylene glycol stearate	29.79	7	400.0	A
Public health	Alpha-isoctadecyl-omega-hydroxypoly(oxyethylene)	11.54	N/A	N/A	N/A
Public health	Bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins	133.43	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Public health	Bacillus thuringiensis, subsp. israelensis, strain am 65-52	963.34	N/A	N/A	N/A
Public health	D-allethrin	<0.01	N/A	N/A	N/A
Public health	D-allethrin, other related	<0.01	N/A	N/A	N/A
Public health	D-trans allethrin	<0.01	N/A	N/A	N/A
Public health	Etofenprox	2.08	N/A	N/A	N/A
Public health	Methoprene	48.63	N/A	N/A	N/A
Public health	Mineral oil	187.58	N/A	N/A	N/A
Public health	Petroleum distillates	15.01	N/A	N/A	N/A
Public health	Phenothrin	<0.01	N/A	N/A	N/A
Public health	Phenothrin, other related	<0.01	N/A	N/A	N/A
Public health	Piperonyl butoxide	17.96	N/A	N/A	N/A
Public health	Piperonyl butoxide, other related	4.49	N/A	N/A	N/A
Public health	Pyrethrins	4.13	N/A	N/A	N/A
Public health	S-methoprene	115.9	N/A	N/A	N/A
Public health	Silica aerogel	14.78	N/A	N/A	N/A
Public health	Spinosad	39.21	N/A	N/A	N/A
Rangeland	Aminopyralid, triisopropanolamine salt	7.37	6	34.95	A
Rangeland	Benzoic acid	0.2	7	82.79	A
Rangeland	Clopyralid, monoethanolamine salt	14.83	2	48.1	A
Rangeland	Dimethyl alkyl tertiary amines	0.21	7	82.79	A
Rangeland	Low molecular weight paraffinic oil	0.38	7	82.79	A
Rangeland	Methylated soybean oil	7.23	7	82.79	A
Rangeland	Oleic acid, ethyl ester	24.79	8	83.05	A
Rangeland	Polyethylene glycol stearate	6.2	8	83.05	A



<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>Regulatory pest control</b>	Glyphosate, isopropylamine salt	0.24	N/A	N/A	N/A
<b>Regulatory pest control</b>	Imazapyr, isopropylamine salt	0.06	N/A	N/A	N/A
<b>Regulatory pest control</b>	Oleic acid, ethyl ester	0.14	N/A	N/A	N/A
<b>Regulatory pest control</b>	Polyoxyethylene dioleate	0.02	N/A	N/A	N/A
<b>Regulatory pest control</b>	Polyoxyethylene sorbitan monooleate	0.01	N/A	N/A	N/A
<b>Rights of way</b>	2,4-d, 2-ethylhexyl ester	3.15	N/A	N/A	N/A
<b>Rights of way</b>	2-butoxyethanol	41.3	N/A	N/A	N/A
<b>Rights of way</b>	Alcohols, c12-c14, aliphatic	16.06	N/A	N/A	N/A
<b>Rights of way</b>	Alkyl (c8,c10) polyglucoside	2.7	N/A	N/A	N/A
<b>Rights of way</b>	Alkyl (c9-c11) oligomeric d-glucopyranoside	45.89	N/A	N/A	N/A
<b>Rights of way</b>	Alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	0.35	N/A	N/A	N/A
<b>Rights of way</b>	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	5.45	N/A	N/A	N/A
<b>Rights of way</b>	Alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	1.3	N/A	N/A	N/A
<b>Rights of way</b>	Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	12.78	N/A	N/A	N/A
<b>Rights of way</b>	Alpha-undecyl-omega-hydroxypoly(oxyethylene)	11.74	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
Rights of way	Aminopyralid, triisopropanolamine salt	15.51	N/A	N/A	N/A
Rights of way	Ammonium nitrate	2.93	N/A	N/A	N/A
Rights of way	Ammonium sulfate	43.37	N/A	N/A	N/A
Rights of way	Benzoic acid	0.44	N/A	N/A	N/A
Rights of way	Borax	348.95	N/A	N/A	N/A
Rights of way	Capric acid	21.59	N/A	N/A	N/A
Rights of way	Caprylic acid	31.72	N/A	N/A	N/A
Rights of way	Carfentrazone-ethyl	0.16	N/A	N/A	N/A
Rights of way	Chlorsulfuron	0.16	N/A	N/A	N/A
Rights of way	Clopyralid, monoethanolamine salt	3.01	N/A	N/A	N/A
Rights of way	Copper hydroxide	24.87	N/A	N/A	N/A
Rights of way	Dicamba	0.2	N/A	N/A	N/A
Rights of way	Diethylene glycol	1.44	N/A	N/A	N/A
Rights of way	Dimethyl alkyl tertiary amines	0.48	N/A	N/A	N/A
Rights of way	Dimethylpolysiloxane	0.06	N/A	N/A	N/A
Rights of way	Diquat dibromide	104.03	N/A	N/A	N/A
Rights of way	Disodium octaborate anhydrous	63.61	N/A	N/A	N/A
Rights of way	Dithiopyr	48.65	N/A	N/A	N/A
Rights of way	Diuron	0.36	N/A	N/A	N/A
Rights of way	Fatty acids derived from tallow	0.52	N/A	N/A	N/A
Rights of way	Fatty acids, mixed	2.56	N/A	N/A	N/A
Rights of way	Glufosinate-ammonium	19.95	N/A	N/A	N/A
Rights of way	Glyphosate, dimethylamine salt	378.82	N/A	N/A	N/A
Rights of way	Glyphosate, isopropylamine salt	217.78	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
Rights of way	Glyphosate, monoammonium salt	7.58	N/A	N/A	N/A
Rights of way	Heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	7.52	N/A	N/A	N/A
Rights of way	Hexylene glycol	41.3	N/A	N/A	N/A
Rights of way	Indaziflam	8.48	N/A	N/A	N/A
Rights of way	Isoxaben	96.17	N/A	N/A	N/A
Rights of way	Lecithin	15.97	N/A	N/A	N/A
Rights of way	Mecoprop-p	0.8	N/A	N/A	N/A
Rights of way	Metam-sodium	230.61	N/A	N/A	N/A
Rights of way	Methylated soybean oil	78.78	N/A	N/A	N/A
Rights of way	Mineral oil	5.81	N/A	N/A	N/A
Rights of way	Polyacrylamide, polyethylene glycol mixture	0.07	N/A	N/A	N/A
Rights of way	Polymerized pinene	6.19	N/A	N/A	N/A
Rights of way	Polysorbate 65	0.32	N/A	N/A	N/A
Rights of way	Rimsulfuron	4.96	N/A	N/A	N/A
Rights of way	Sodium alpha-olefin (c14-c16) sulfonate	314.35	N/A	N/A	N/A
Rights of way	Sorbitan trioleate	0.32	N/A	N/A	N/A
Rights of way	Sulfentrazone	6.38	N/A	N/A	N/A
Rights of way	Sulfometuron-methyl	2.32	N/A	N/A	N/A
Rights of way	Tall oil fatty acids	1.57	N/A	N/A	N/A
Rights of way	Tebuthiuron	0.12	N/A	N/A	N/A
Rights of way	Triclopyr choline	8.23	N/A	N/A	N/A
Rights of way	Triclopyr, butoxyethyl ester	0.23	N/A	N/A	N/A
Rights of way	Triclopyr, triethylamine salt	102.93	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>Structural pest control</b>	Abamectin	0.04	N/A	N/A	N/A
<b>Structural pest control</b>	Abamectin, other related	<0.01	N/A	N/A	N/A
<b>Structural pest control</b>	Acephate	23.33	N/A	N/A	N/A
<b>Structural pest control</b>	Acetamiprid	1.01	N/A	N/A	N/A
<b>Structural pest control</b>	Alkyl (50% <sup>c</sup> 14, 40% <sup>c</sup> 12, 10% <sup>c</sup> 16) dimethylbenzyl ammonium chloride	0.11	N/A	N/A	N/A
<b>Structural pest control</b>	Alkyl (c8,c10) polyglucoside	0.06	N/A	N/A	N/A
<b>Structural pest control</b>	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	0.31	N/A	N/A	N/A
<b>Structural pest control</b>	Alpha-cypermethrin	35.35	N/A	N/A	N/A
<b>Structural pest control</b>	Ammonium nitrate	0.1	N/A	N/A	N/A
<b>Structural pest control</b>	Ammonium sulfate	0.1	N/A	N/A	N/A
<b>Structural pest control</b>	Bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	0.01	N/A	N/A	N/A
<b>Structural pest control</b>	Beauveria bassiana strain gha	0.09	N/A	N/A	N/A
<b>Structural pest control</b>	Beta-cyfluthrin	37.46	N/A	N/A	N/A
<b>Structural pest control</b>	Bifenthrin	94.07	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>Structural pest control</b>	Borax	26.82	N/A	N/A	N/A
<b>Structural pest control</b>	Boric acid	1,233.15	N/A	N/A	N/A
<b>Structural pest control</b>	Brodifacoum	<0.01	N/A	N/A	N/A
<b>Structural pest control</b>	Bromadiolone	0.01	N/A	N/A	N/A
<b>Structural pest control</b>	Bromethalin	0.18	N/A	N/A	N/A
<b>Structural pest control</b>	Chlorantraniliprole	15.66	N/A	N/A	N/A
<b>Structural pest control</b>	Chlorfenapyr	53.63	N/A	N/A	N/A
<b>Structural pest control</b>	Chlorophacinone	<0.01	N/A	N/A	N/A
<b>Structural pest control</b>	Chloropicrin	0.36	N/A	N/A	N/A
<b>Structural pest control</b>	Cholecalciferol	6.05	N/A	N/A	N/A
<b>Structural pest control</b>	Clothianidin	4.14	N/A	N/A	N/A
<b>Structural pest control</b>	Coyote urine	0.01	N/A	N/A	N/A
<b>Structural pest control</b>	Cyfluthrin	3.82	N/A	N/A	N/A
<b>Structural pest control</b>	Cypermethrin	0.78	N/A	N/A	N/A
<b>Structural pest control</b>	D-trans allethrin	0.01	N/A	N/A	N/A
<b>Structural pest control</b>	Ddvp	0.03	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>Structural pest control</b>	Ddvp, other related	<0.01	N/A	N/A	N/A
<b>Structural pest control</b>	Deltamethrin	53.75	N/A	N/A	N/A
<b>Structural pest control</b>	Diatomaceous earth	2.25	N/A	N/A	N/A
<b>Structural pest control</b>	Didecyl dimethyl ammonium chloride	0.05	N/A	N/A	N/A
<b>Structural pest control</b>	Difethialone	<0.01	N/A	N/A	N/A
<b>Structural pest control</b>	Dimethylpolysiloxane	<0.01	N/A	N/A	N/A
<b>Structural pest control</b>	Dinotefuran	135.64	N/A	N/A	N/A
<b>Structural pest control</b>	Diocetyl dimethyl ammonium chloride	0.04	N/A	N/A	N/A
<b>Structural pest control</b>	Diphacinone	0.64	N/A	N/A	N/A
<b>Structural pest control</b>	Diphacinone, sodium salt	<0.01	N/A	N/A	N/A
<b>Structural pest control</b>	Disodium octaborate tetrahydrate	823.58	N/A	N/A	N/A
<b>Structural pest control</b>	Emamectin benzoate	<0.01	N/A	N/A	N/A
<b>Structural pest control</b>	Esfenvalerate	11.08	N/A	N/A	N/A
<b>Structural pest control</b>	Etofenprox	0.29	N/A	N/A	N/A
<b>Structural pest control</b>	Fipronil	91.26	N/A	N/A	N/A
<b>Structural pest control</b>	Fox urine	<0.01	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>Structural pest control</b>	Gamma-cyhalothrin	6.72	N/A	N/A	N/A
<b>Structural pest control</b>	Hexaflumuron	0.02	N/A	N/A	N/A
<b>Structural pest control</b>	Hydramethylnon	8.92	N/A	N/A	N/A
<b>Structural pest control</b>	Hydroprene	6.66	N/A	N/A	N/A
<b>Structural pest control</b>	Imidacloprid	75.41	N/A	N/A	N/A
<b>Structural pest control</b>	Indoxacarb	1.77	N/A	N/A	N/A
<b>Structural pest control</b>	Iodine	0.43	N/A	N/A	N/A
<b>Structural pest control</b>	Iron phosphate	<0.01	N/A	N/A	N/A
<b>Structural pest control</b>	Isopropyl alcohol	4.72	N/A	N/A	N/A
<b>Structural pest control</b>	Lambda-cyhalothrin	18.1	N/A	N/A	N/A
<b>Structural pest control</b>	Limonene	128.09	N/A	N/A	N/A
<b>Structural pest control</b>	Mefenoxam	0.44	N/A	N/A	N/A
<b>Structural pest control</b>	Methoprene	0.01	N/A	N/A	N/A
<b>Structural pest control</b>	Metofluthrin	0.01	N/A	N/A	N/A
<b>Structural pest control</b>	Mineral oil	1.1	N/A	N/A	N/A
<b>Structural pest control</b>	Muscalure	<0.01	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>Structural pest control</b>	N-octyl bicycloheptene dicarboximide	7.11	N/A	N/A	N/A
<b>Structural pest control</b>	Novaluron	0.7	N/A	N/A	N/A
<b>Structural pest control</b>	Noviflumuron	2.55	N/A	N/A	N/A
<b>Structural pest control</b>	Octyl decyl dimethyl ammonium chloride	0.08	N/A	N/A	N/A
<b>Structural pest control</b>	Organosilicone, poly oxyalkylene ether copolymer	0.16	N/A	N/A	N/A
<b>Structural pest control</b>	Permethrin	47.35	N/A	N/A	N/A
<b>Structural pest control</b>	Phenothrin	0.62	N/A	N/A	N/A
<b>Structural pest control</b>	Phenylethyl propionate	0.15	N/A	N/A	N/A
<b>Structural pest control</b>	Piperonyl butoxide	62.97	N/A	N/A	N/A
<b>Structural pest control</b>	Piperonyl butoxide, other related	9.59	N/A	N/A	N/A
<b>Structural pest control</b>	Potassium phosphite	18.76	N/A	N/A	N/A
<b>Structural pest control</b>	Prallethrin	2.7	N/A	N/A	N/A
<b>Structural pest control</b>	Propiconazole	1.52	N/A	N/A	N/A
<b>Structural pest control</b>	Propylene glycol	0.05	N/A	N/A	N/A
<b>Structural pest control</b>	Pyrethrins	7.95	N/A	N/A	N/A



<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>Structural pest control</b>	Pyriproxyfen	6.83	N/A	N/A	N/A
<b>Structural pest control</b>	S-methoprene	0.07	N/A	N/A	N/A
<b>Structural pest control</b>	Silica aerogel	24.7	N/A	N/A	N/A
<b>Structural pest control</b>	Sodium decyl sulfate	1.89	N/A	N/A	N/A
<b>Structural pest control</b>	Sodium lauroampho acetate	1.43	N/A	N/A	N/A
<b>Structural pest control</b>	Sodium lauryl sulfate	0.96	N/A	N/A	N/A
<b>Structural pest control</b>	Spinosad	<0.01	N/A	N/A	N/A
<b>Structural pest control</b>	Sulfuryl fluoride	15,898.92	N/A	N/A	N/A
<b>Structural pest control</b>	Tetramethrin	0.06	N/A	N/A	N/A
<b>Structural pest control</b>	Thiamethoxam	4.65	N/A	N/A	N/A
<b>Structural pest control</b>	Thyme oil	<0.01	N/A	N/A	N/A
<b>Structural pest control</b>	Warfarin	0.01	N/A	N/A	N/A
<b>Structural pest control</b>	Z,e-9,12-tetradecadien-1-yl acetate	0.02	N/A	N/A	N/A
<b>Structural pest control</b>	Zinc phosphide	0.02	N/A	N/A	N/A
<b>Vertebrate control</b>	Cholecalciferol	<0.01	N/A	N/A	N/A
<b>Vertebrate control</b>	Polybutenes	0.64	N/A	N/A	N/A
<b>Water (industrial)</b>	Copper ethanolamine complexes, mixed	2.8	N/A	0.5	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Water (industrial)	Diquat dibromide	26.1	N/A	4.5	A
Water (industrial)	Fluridone	0.05	N/A	0.25	A
Water (industrial)	Hydrogen peroxide	37.26	N/A	1.0	A
Water (industrial)	Hydrogen peroxide	2,433.47	N/A	4.0	U
Water (industrial)	Imazamox, ammonium salt	5.82	N/A	4.5	A
Water (industrial)	Limonene	2.31	N/A	4.5	A
Water (industrial)	Methylated soybean oil	4.1	N/A	4.5	A
Water (industrial)	Peroxyacetic acid	8.59	N/A	1.0	A
Water (industrial)	Peroxyacetic acid	514.24	N/A	4.0	U
Water (industrial)	Sodium carbonate peroxyhydrate	1,484.95	N/A	99.5	A
Water area	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	0.05	N/A	1.0	A
Water area	Alpha-undecyl-omega-hydroxypoly(oxyethylene)	0.82	N/A	11.0	A
Water area	Alpha-undecyl-omega-hydroxypoly(oxyethylene)	0.6	N/A	1,701.0	S
Water area	Butyl lactate	0.11	N/A	40,600.0	S
Water area	Citric acid	0.04	N/A	40,600.0	S
Water area	Copper ethanolamine complexes, mixed	5.53	N/A	1.0	A
Water area	Copper ethanolamine complexes, mixed	20.72	N/A	127,798.61	C
Water area	Copper ethanolamine complexes, mixed	7,327.81	N/A	105,693.97	K
Water area	Copper ethylenediamine complex	643.26	N/A	16,988.4	K
Water area	Copper sulfate (pentahydrate)	5.4	N/A	3.75	A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>Water area</b>	Copper sulfate (pentahydrate)	148.5	N/A	1,132.56	K
<b>Water area</b>	Endothall, dipotassium salt	4.23	N/A	1.0	A
<b>Water area</b>	Flumioxazin	0.19	N/A	0.25	A
<b>Water area</b>	Flumioxazin	0.38	N/A	40,600.0	S
<b>Water area</b>	Fluridone	0.08	N/A	1.0	A
<b>Water area</b>	Fluridone	0.06	N/A	32,751.74	C
<b>Water area</b>	Imazamox, ammonium salt	0.86	N/A	11.0	A
<b>Water area</b>	Imazapyr, isopropylamine salt	0.02	N/A	1,701.0	S
<b>Water area</b>	Lecithin	1.83	N/A	12.0	A
<b>Water area</b>	Lecithin	1.21	N/A	1,701.0	S
<b>Water area</b>	Methylated soybean oil	0.82	N/A	11.0	A
<b>Water area</b>	Methylated soybean oil	0.6	N/A	1,701.0	S
<b>Water area</b>	Polyoxyethylene polyol fatty acid esters	0.16	N/A	40,600.0	S
<b>Water area</b>	Propionic acid	0.19	N/A	1.0	A