

2022 Annual Statewide Pesticide Use Report Indexed by Commodity San Francisco County

[Text files](https://files.cdpr.ca.gov/pub/outgoing/pur/data/) 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
Beehive	Formic acid	0.42	1	7.0	U
Cannabis (all or unspecified)	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	0.09	7	3,360.0	S
Cannabis (all or unspecified)	Azadirachtin	0.65	186	197,422.0	S
Cannabis (all or unspecified)	Bacillus amyloliquefaciens strain d747	9.44	104	60,625.0	S
Cannabis (all or unspecified)	Beauveria bassiana strain gha	10.11	55	88,356.0	S
Cannabis (all or unspecified)	Beauveria bassiana strain ppri 5339	<0.01	6	3,450.0	S
Cannabis (all or unspecified)	Clarified hydrophobic extract of neem oil	19.64	26	31,896.0	S
Cannabis (all or unspecified)	Dimethylpolysiloxane	0.12	29	25,512.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Cannabis (all or unspecified)	Hydrogen peroxide	5.3	11	34,534.0	S
Cannabis (all or unspecified)	Isaria fumosorosea strain fe 9901	3.52	28	16,480.0	S
Cannabis (all or unspecified)	Mineral oil	32.66	60	95,522.0	S
Cannabis (all or unspecified)	Paecilomyces fumosoroseus apopka strain 97	0.71	17	11,360.0	S
Cannabis (all or unspecified)	Peroxyacetic acid	0.4	11	34,534.0	S
Cannabis (all or unspecified)	Polyoxyethylene polyoxypropylene	0.46	29	25,512.0	S
Cannabis (all or unspecified)	Potash soap	25.64	260	162,084.0	S
Cannabis (all or unspecified)	Potassium bicarbonate	2.84	40	61,300.0	S
Cannabis (all or unspecified)	Potassium phosphite	1.78	49	19,010.0	S
Cannabis (all or unspecified)	Pyrethrins	0.13	23	15,602.0	S
Cannabis (all or unspecified)	Qst 713 strain of dried bacillus subtilis	0.8	103	94,070.0	S
Cannabis (all or unspecified)	Reynoutria sachalinensis	0.83	135	78,625.0	S
Cannabis (all or unspecified)	Streptomyces lydicus wyec 108	<0.01	52	26,000.0	S
Cannabis (all or unspecified)	Sulfur	3.24	179	106,750.0	S
Commercial, institutional or industrial areas	Borax	0.11	N/A	750,000.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Commercial, institutional or industrial areas	Indoxacarb	<0.01	N/A	1,000,000.0	S
Golf course turf	2,4-d, 2-ethylhexyl ester	44.98	N/A	95.5	A
Golf course turf	2,4-d, 2-ethylhexyl ester	0.93	N/A	77,000.0	S
Golf course turf	2,4-d, isooctyl ester	3.34	N/A	24.0	A
Golf course turf	2,4-dp-p, isooctyl ester	21.05	N/A	72.0	A
Golf course turf	2,4-dp-p, isooctyl ester	0.54	N/A	77,000.0	S
Golf course turf	Acibenzolar-s-methyl	0.88	N/A	60.95	A
Golf course turf	Alkyl (c8,c10) polyglucoside	0.26	N/A	1.75	A
Golf course turf	Ammonium nitrate	0.13	N/A	1.75	A
Golf course turf	Ammonium sulfate	0.25	N/A	1.75	A
Golf course turf	Azoxystrobin	0.35	N/A	1.5	A
Golf course turf	Bacillus firmus (strain i-1582)	21.0	N/A	6.0	A
Golf course turf	Boscalid	12.6	N/A	51.0	A
Golf course turf	Carbaryl	55.16	N/A	17.0	A
Golf course turf	Carfentrazone-ethyl	3.52	N/A	107.5	A
Golf course turf	Carfentrazone-ethyl	0.05	N/A	77,000.0	S
Golf course turf	Chlorantraniliprole	1.29	N/A	6.1	A
Golf course turf	Chlorothalonil	3,022.85	N/A	477.55	A
Golf course turf	Clopyralid, monoethanolamine salt	4.46	N/A	18.0	A
Golf course turf	Dicamba	3.18	N/A	119.5	A
Golf course turf	Dicamba	0.06	N/A	77,000.0	S
Golf course turf	Diglycerides of fatty acids	7.21	N/A	23.2	A
Golf course turf	Dimethylpolysiloxane	<0.01	N/A	1.75	A
Golf course turf	Diquat dibromide	0.73	N/A	1.0	A
Golf course turf	Diquat dibromide	0.17	N/A	6,000.0	S
Golf course turf	Ethofumesate	723.53	N/A	138.5	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Golf course turf	Fludioxonil	6.95	N/A	12.0	A
Golf course turf	Fluopyram	6.21	N/A	14.0	A
Golf course turf	Flurprimidol	3.26	N/A	18.0	A
Golf course turf	Flutolanil	76.93	N/A	9.0	A
Golf course turf	Flutolanil	1.47	N/A	7,500.0	S
Golf course turf	Fluxapyroxad	3.58	N/A	15.25	A
Golf course turf	Fosetyl-al	108.2	N/A	18.05	A
Golf course turf	Glufosinate-ammonium	1.83	N/A	1.0	A
Golf course turf	Glufosinate-ammonium	0.21	N/A	6,000.0	S
Golf course turf	Imidacloprid	3.53	N/A	9.6	A
Golf course turf	Indoxacarb	4.34	N/A	12.85	A
Golf course turf	Iprodione	76.22	N/A	18.9	A
Golf course turf	Mecoprop-p	2.13	N/A	23.5	A
Golf course turf	Mesotrione	3.59	N/A	23.0	A
Golf course turf	Paclobutrazol	40.06	N/A	329.85	A
Golf course turf	Penoxsulam	0.62	N/A	49.7	A
Golf course turf	Penthiopyrad	2.05	N/A	3.0	A
Golf course turf	Polyoxyethylene sorbitan monolaurate	7.21	N/A	23.2	A
Golf course turf	Potassium phosphite	164.7	N/A	20.1	A
Golf course turf	Prodiamine	66.98	N/A	103.0	A
Golf course turf	Propiconazole	123.85	N/A	228.5	A
Golf course turf	Pydiflumetofen	4.07	N/A	50.0	A
Golf course turf	Pyraclostrobin	3.28	N/A	7.0	A
Golf course turf	Sulfentrazone	0.08	N/A	24.0	A
Golf course turf	Tebuconazole	67.72	N/A	59.5	A
Golf course turf	Thiophanate-methyl	595.71	N/A	224.0	A
Golf course turf	Topramezone	0.61	N/A	28.0	A
Golf course turf	Triclopyr, butoxyethyl ester	124.3	N/A	117.5	A
Golf course turf	Trifloxystrobin	4.75	N/A	18.9	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Golf course turf	Trinexapac-ethyl	145.7	N/A	1,170.26	A
Landscape maintenance	2,4-d, 2-ethylhexyl ester	2.69	N/A	N/A	N/A
Landscape maintenance	2,4-d, dimethylamine salt	0.01	N/A	N/A	N/A
Landscape maintenance	2,4-dp-p, isooctyl ester	0.35	N/A	N/A	N/A
Landscape maintenance	4-vinylcyclohexenediepoxyde	0.02	N/A	N/A	N/A
Landscape maintenance	Abamectin	0.01	N/A	N/A	N/A
Landscape maintenance	Acephate	0.29	N/A	N/A	N/A
Landscape maintenance	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	9.93	N/A	N/A	N/A
Landscape maintenance	Alpha-isooctadecyl-omega-hydroxypoly(oxyethylene)	0.03	N/A	N/A	N/A
Landscape maintenance	Aminopyralid, triisopropanolamine salt	2.5	N/A	N/A	N/A
Landscape maintenance	Ammonium nonanoate	9.66	N/A	N/A	N/A
Landscape maintenance	Azadirachtin	1.56	N/A	N/A	N/A
Landscape maintenance	Bacillus amyloliquefaciens strain d747	2.0	N/A	N/A	N/A
Landscape maintenance	Bacillus thuringiensis (berliner)	<0.01	N/A	N/A	N/A
Landscape maintenance	Bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	0.02	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	Bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	0.47	N/A	N/A	N/A
Landscape maintenance	Bifenthrin	0.04	N/A	N/A	N/A
Landscape maintenance	Borax	0.13	N/A	N/A	N/A
Landscape maintenance	Boric acid	8.53	N/A	N/A	N/A
Landscape maintenance	Bromethalin	<0.01	N/A	N/A	N/A
Landscape maintenance	Calcium chloride	0.05	N/A	N/A	N/A
Landscape maintenance	Canola oil	0.16	N/A	N/A	N/A
Landscape maintenance	Capsicum oleoresin	<0.01	N/A	N/A	N/A
Landscape maintenance	Carfentrazone-ethyl	0.09	N/A	N/A	N/A
Landscape maintenance	Chlorantraniliprole	0.29	N/A	N/A	N/A
Landscape maintenance	Chlorophacinone	<0.01	N/A	N/A	N/A
Landscape maintenance	Citric acid	0.15	N/A	N/A	N/A
Landscape maintenance	Clarified hydrophobic extract of neem oil	2.57	N/A	N/A	N/A
Landscape maintenance	Clethodim	0.15	N/A	N/A	N/A
Landscape maintenance	Clopyralid, monoethanolamine salt	4.52	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	Clothianidin	0.05	N/A	N/A	N/A
Landscape maintenance	Copper diammonium diacetate complex	0.02	N/A	N/A	N/A
Landscape maintenance	Copper hydroxide	0.13	N/A	N/A	N/A
Landscape maintenance	Copper octanoate	<0.01	N/A	N/A	N/A
Landscape maintenance	Copper oxychloride	0.14	N/A	N/A	N/A
Landscape maintenance	Cyflumetofen	0.04	N/A	N/A	N/A
Landscape maintenance	Deltamethrin	0.06	N/A	N/A	N/A
Landscape maintenance	Dicamba	0.07	N/A	N/A	N/A
Landscape maintenance	Dicamba, dimethylamine salt	0.12	N/A	N/A	N/A
Landscape maintenance	Dikegulac sodium	2.9	N/A	N/A	N/A
Landscape maintenance	Dinotefuran	1.53	N/A	N/A	N/A
Landscape maintenance	Diphacinone	<0.01	N/A	N/A	N/A
Landscape maintenance	Diquat dibromide	5.28	N/A	N/A	N/A
Landscape maintenance	Disodium octaborate tetrahydrate	0.2	N/A	N/A	N/A
Landscape maintenance	Dithiopyr	1.43	N/A	N/A	N/A
Landscape maintenance	Diuron	24.75	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	Ethephon	0.83	N/A	N/A	N/A
Landscape maintenance	Ferric sodium edta	0.29	N/A	N/A	N/A
Landscape maintenance	Flupyradifurone	0.63	N/A	N/A	N/A
Landscape maintenance	Fosetyl-al	4.8	N/A	N/A	N/A
Landscape maintenance	Free fatty acids and/or amine salts	0.3	N/A	N/A	N/A
Landscape maintenance	Glufosinate-ammonium	16.03	N/A	N/A	N/A
Landscape maintenance	Glyphosate, isopropylamine salt	465.28	N/A	N/A	N/A
Landscape maintenance	Glyphosate, monoammonium salt	6.78	N/A	N/A	N/A
Landscape maintenance	Glyphosate, potassium salt	41.21	N/A	N/A	N/A
Landscape maintenance	Hydoprene	<0.01	N/A	N/A	N/A
Landscape maintenance	Imazamox, ammonium salt	0.21	N/A	N/A	N/A
Landscape maintenance	Imazapyr, isopropylamine salt	19.9	N/A	N/A	N/A
Landscape maintenance	Imidacloprid	31.59	N/A	N/A	N/A
Landscape maintenance	Indaziflam	<0.01	N/A	N/A	N/A
Landscape maintenance	Indoxacarb	0.02	N/A	N/A	N/A
Landscape maintenance	Iron phosphate	1.44	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	Isopropyl alcohol	0.91	N/A	N/A	N/A
Landscape maintenance	Isoxaben	0.62	N/A	N/A	N/A
Landscape maintenance	Limonene	1.53	N/A	N/A	N/A
Landscape maintenance	Margosa oil	120.6	N/A	N/A	N/A
Landscape maintenance	Mcpp-p, dimethylamine salt	0.41	N/A	N/A	N/A
Landscape maintenance	Mecoprop-p	0.13	N/A	N/A	N/A
Landscape maintenance	Mefenoxam	0.15	N/A	N/A	N/A
Landscape maintenance	Mefenoxam, other related	<0.01	N/A	N/A	N/A
Landscape maintenance	Metalaxyl	0.16	N/A	N/A	N/A
Landscape maintenance	Metconazole	5.0	N/A	N/A	N/A
Landscape maintenance	Methoprene	0.02	N/A	N/A	N/A
Landscape maintenance	Methyl anthranilate	1.4	N/A	N/A	N/A
Landscape maintenance	Mineral oil	529.16	N/A	N/A	N/A
Landscape maintenance	Naa, ammonium salt	<0.01	N/A	N/A	N/A
Landscape maintenance	Oil of black pepper	0.01	N/A	N/A	N/A
Landscape maintenance	Oleic acid, ethyl ester	104.07	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	Oxadiazon	1.2	N/A	N/A	N/A
Landscape maintenance	Paclobutrazol	10.14	N/A	N/A	N/A
Landscape maintenance	Pendimethalin	15.35	N/A	N/A	N/A
Landscape maintenance	Penoxsulam	0.46	N/A	N/A	N/A
Landscape maintenance	Permethrin	5.05	N/A	N/A	N/A
Landscape maintenance	Piperine	0.01	N/A	N/A	N/A
Landscape maintenance	Polyalkene oxide modified heptamethyl trisiloxane	3.85	N/A	N/A	N/A
Landscape maintenance	Polyoxyethylene dioleate	18.21	N/A	N/A	N/A
Landscape maintenance	Polyoxyethylene sorbitan monooleate	5.2	N/A	N/A	N/A
Landscape maintenance	Potash soap	11.35	N/A	N/A	N/A
Landscape maintenance	Potassium phosphite	1,363.74	N/A	N/A	N/A
Landscape maintenance	Prallethrin	0.02	N/A	N/A	N/A
Landscape maintenance	Propiconazole	217.66	N/A	N/A	N/A
Landscape maintenance	Propylene glycol	1.15	N/A	N/A	N/A
Landscape maintenance	Pyrethrins	0.03	N/A	N/A	N/A
Landscape maintenance	Quinclorac	0.01	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	Quinclorac, dimethylamine salt	13.93	N/A	N/A	N/A
Landscape maintenance	S-methoprene	<0.01	N/A	N/A	N/A
Landscape maintenance	Sodium decyl sulfate	0.39	N/A	N/A	N/A
Landscape maintenance	Sodium lauroampho acetate	0.29	N/A	N/A	N/A
Landscape maintenance	Sodium lauryl sulfate	0.2	N/A	N/A	N/A
Landscape maintenance	Spinosad	0.03	N/A	N/A	N/A
Landscape maintenance	Strychnine	0.02	N/A	N/A	N/A
Landscape maintenance	Sulfentrazone	<0.01	N/A	N/A	N/A
Landscape maintenance	Sulfometuron-methyl	2.9	N/A	N/A	N/A
Landscape maintenance	Tall oil fatty acids	0.24	N/A	N/A	N/A
Landscape maintenance	Tau-fluvalinate	0.23	N/A	N/A	N/A
Landscape maintenance	Thiophanate-methyl	0.72	N/A	N/A	N/A
Landscape maintenance	Triclopyr choline	22.63	N/A	N/A	N/A
Landscape maintenance	Triclopyr, butoxyethyl ester	64.43	N/A	N/A	N/A
Landscape maintenance	Trifluralin	2.32	N/A	N/A	N/A
Landscape maintenance	Triptolide	<0.01	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	Warfarin	0.04	N/A	N/A	N/A
N-grnhs flower	2,4-d, 2-ethylhexyl ester	34.38	N/A	58.75	A
N-grnhs flower	2,4-d, isooctyl ester	4.61	N/A	5.5	A
N-grnhs flower	2,4-d, isooctyl ester	1.32	N/A	50,000.0	S
N-grnhs flower	2,4-dp-p, isooctyl ester	10.73	N/A	29.75	A
N-grnhs flower	Acibenzolar-s-methyl	0.47	N/A	37.0	A
N-grnhs flower	Alkyl (c8,c10) polyglucoside	8.84	N/A	31.75	A
N-grnhs flower	Alkyl (c8,c10) polyglucoside	<0.01	N/A	39.0	S
N-grnhs flower	Ammonium nitrate	4.21	N/A	31.75	A
N-grnhs flower	Ammonium nitrate	<0.01	N/A	39.0	S
N-grnhs flower	Ammonium sulfate	8.41	N/A	31.75	A
N-grnhs flower	Ammonium sulfate	<0.01	N/A	39.0	S
N-grnhs flower	Azoxystrobin	3.1	N/A	7.0	A
N-grnhs flower	Carfentrazone-ethyl	1.91	N/A	61.75	A
N-grnhs flower	Chlorantraniliprole	12.6	N/A	63.5	A
N-grnhs flower	Chlorothalonil	228.82	N/A	37.0	A
N-grnhs flower	Chlorothalonil	1.49	N/A	9,000.0	S
N-grnhs flower	Clopyralid, monoethanolamine salt	35.44	N/A	145.0	A
N-grnhs flower	Dicamba	2.57	N/A	64.25	A
N-grnhs flower	Dicamba	0.1	N/A	50,000.0	S
N-grnhs flower	Diglycerides of fatty acids	3.78	N/A	20.0	A
N-grnhs flower	Dimethylpolysiloxane	0.01	N/A	31.75	A
N-grnhs flower	Dimethylpolysiloxane	<0.01	N/A	39.0	S
N-grnhs flower	Diquat dibromide	0.73	N/A	22,002.0	S
N-grnhs flower	Dithiopyr	12.51	N/A	7.0	A
N-grnhs flower	Ethephon	19.96	N/A	6.0	A
N-grnhs flower	Fludioxonil	2.08	N/A	3.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs flower	Fludioxonil	0.06	N/A	9,000.0	S
N-grnhs flower	Flupyradifurone	<0.01	N/A	15.0	S
N-grnhs flower	Flurprimidol	3.79	N/A	21.0	A
N-grnhs flower	Fluxapyroxad	1.4	N/A	6.0	A
N-grnhs flower	Fosetyl-al	13.2	N/A	3.0	A
N-grnhs flower	Glufosinate-ammonium	0.92	N/A	22,002.0	S
N-grnhs flower	Iprodione	25.64	N/A	6.0	A
N-grnhs flower	Isoxaben	45.86	N/A	52.75	A
N-grnhs flower	Mecoprop-p	3.99	N/A	29.0	A
N-grnhs flower	Mefenoxam	1.96	N/A	3.0	A
N-grnhs flower	Mefenoxam, other related	0.06	N/A	3.0	A
N-grnhs flower	Mesotrione	3.12	N/A	20.0	A
N-grnhs flower	Mineral oil	0.22	N/A	40.0	S
N-grnhs flower	Paclobutrazol	3.53	N/A	63.0	A
N-grnhs flower	Penoxsulam	0.53	N/A	38.75	A
N-grnhs flower	Penoxsulam	<0.01	N/A	39.0	S
N-grnhs flower	Penthiopyrad	4.13	N/A	6.0	A
N-grnhs flower	Polyoxyethylene sorbitan monolaurate	3.78	N/A	20.0	A
N-grnhs flower	Potassium phosphite	58.74	N/A	12.0	A
N-grnhs flower	Propiconazole	16.18	N/A	24.5	A
N-grnhs flower	Propiconazole	0.23	N/A	9,000.0	S
N-grnhs flower	Pyraclostrobin	2.8	N/A	6.0	A
N-grnhs flower	Siduron	4.0	N/A	1.75	A
N-grnhs flower	Sulfentrazone	0.1	N/A	5.5	A
N-grnhs flower	Sulfentrazone	0.03	N/A	50,000.0	S
N-grnhs flower	Tebuconazole	149.02	N/A	124.75	A
N-grnhs flower	Triclopyr, butoxyethyl ester	122.63	N/A	67.6	A
N-grnhs flower	Triclopyr, butoxyethyl ester	0.35	N/A	50,000.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs flower	Trifloxystrobin	1.6	N/A	6.0	A
N-grnhs flower	Trinexapac-ethyl	17.61	N/A	333.25	A
N-grnhs flower	Triticonazole	0.28	N/A	2.0	A
N-grnhs transplants	2,4-d, 2-ethylhexyl ester	4.73	N/A	14.82	A
N-grnhs transplants	2,4-d, isooctyl ester	5.02	N/A	33.0	A
N-grnhs transplants	2,4-dp-p, isooctyl ester	2.72	N/A	14.82	A
N-grnhs transplants	Acibenzolar-s-methyl	0.7	N/A	38.57	A
N-grnhs transplants	Carfentrazone-ethyl	0.54	N/A	17.82	A
N-grnhs transplants	Chlorantraniliprole	19.25	N/A	178.85	A
N-grnhs transplants	Chlorothalonil	757.56	N/A	106.07	A
N-grnhs transplants	Dicamba	0.69	N/A	47.82	A
N-grnhs transplants	Ethephon	622.43	N/A	180.6	A
N-grnhs transplants	Fluazifop-p-butyl	7.78	N/A	31.0	A
N-grnhs transplants	Fluxapyroxad	2.37	N/A	10.37	A
N-grnhs transplants	Fosetyl-al	66.18	N/A	10.16	A
N-grnhs transplants	Indoxacarb	3.52	N/A	13.2	A
N-grnhs transplants	Iprodione	27.94	N/A	7.7	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs transplants	Paclobutrazol	14.28	N/A	98.6	A
N-grnhs transplants	Potassium phosphite	134.06	N/A	10.6	A
N-grnhs transplants	Prodiamine	66.58	N/A	83.0	A
N-grnhs transplants	Propiconazole	31.51	N/A	67.5	A
N-grnhs transplants	Pyraclostrobin	4.74	N/A	10.37	A
N-grnhs transplants	Sulfentrazone	0.12	N/A	33.0	A
N-grnhs transplants	Tebuconazole	17.12	N/A	12.7	A
N-grnhs transplants	Triclopyr, butoxyethyl ester	1.32	N/A	33.0	A
N-grnhs transplants	Trifloxystrobin	1.74	N/A	7.7	A
N-grnhs transplants	Trinexapac-ethyl	53.61	N/A	771.83	A
Public health	Bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins	1.43	N/A	N/A	N/A
Public health	Bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	0.11	N/A	N/A	N/A
Public health	Bacillus thuringiensis, subsp. israelensis, strain am 65-52	2.29	N/A	N/A	N/A
Public health	Bromethalin	0.07	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Public health	Freon 12	0.26	N/A	N/A	N/A
Public health	Methoprene	0.09	N/A	N/A	N/A
Public health	Methylene chloride	0.14	N/A	N/A	N/A
Public health	Mineral oil	944.44	N/A	N/A	N/A
Public health	Petroleum distillates	0.55	N/A	N/A	N/A
Public health	Petroleum distillates, aromatic	<0.01	N/A	N/A	N/A
Public health	Pine oil	0.04	N/A	N/A	N/A
Public health	Pyrethrins	<0.01	N/A	N/A	N/A
Public health	Resmethrin	<0.01	N/A	N/A	N/A
Public health	Resmethrin, other related	<0.01	N/A	N/A	N/A
Public health	Rotenone	<0.01	N/A	N/A	N/A
Public health	Rotenone, other related	<0.01	N/A	N/A	N/A
Public health	S-methoprene	83.55	N/A	N/A	N/A
Public health	Tetrachloroethylene	0.41	N/A	N/A	N/A
Public health	Trichlorofluoromethane	0.26	N/A	N/A	N/A
Regulatory pest control	Abamectin	<0.01	N/A	N/A	N/A
Regulatory pest control	Alkyl (50% ¹⁴ , 40% ¹² , 10% ¹⁶) dimethylbenzyl ammonium chloride	<0.01	N/A	N/A	N/A
Regulatory pest control	Beta-cyfluthrin	0.12	N/A	N/A	N/A
Regulatory pest control	Chlorophacinone	0.02	N/A	N/A	N/A
Regulatory pest control	Cyfluthrin	0.34	N/A	N/A	N/A
Regulatory pest control	Ddvp	0.45	N/A	N/A	N/A
Regulatory pest control	Ddvp, other related	0.03	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Regulatory pest control	Diatomaceous earth	7.65	N/A	N/A	N/A
Regulatory pest control	Didecyl dimethyl ammonium chloride	<0.01	N/A	N/A	N/A
Regulatory pest control	Dinotefuran	8.57	N/A	N/A	N/A
Regulatory pest control	Diphacinone	<0.01	N/A	N/A	N/A
Regulatory pest control	Emamectin benzoate	<0.01	N/A	N/A	N/A
Regulatory pest control	Esfenvalerate	0.11	N/A	N/A	N/A
Regulatory pest control	Etofenprox	<0.01	N/A	N/A	N/A
Regulatory pest control	Fipronil	0.68	N/A	N/A	N/A
Regulatory pest control	Hydroprene	2.62	N/A	N/A	N/A
Regulatory pest control	Imidacloprid	0.33	N/A	N/A	N/A
Regulatory pest control	Indoxacarb	0.75	N/A	N/A	N/A
Regulatory pest control	Isopropyl alcohol	0.35	N/A	N/A	N/A
Regulatory pest control	N-octyl bicycloheptene dicarboximide	1.01	N/A	N/A	N/A
Regulatory pest control	Permethrin	<0.01	N/A	N/A	N/A
Regulatory pest control	Phenothrin	0.41	N/A	N/A	N/A
Regulatory pest control	Piperonyl butoxide	0.01	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Regulatory pest control	Pyrethrins	<0.01	N/A	N/A	N/A
Regulatory pest control	S-methoprene	<0.01	N/A	N/A	N/A
Regulatory pest control	Tetramethrin	<0.01	N/A	N/A	N/A
Residential	Diglycerides of fatty acids	1.44	N/A	4.0	A
Residential	Mesotrione	0.62	N/A	4.0	A
Residential	Polyoxyethylene sorbitan monolaurate	1.44	N/A	4.0	A
Residential	Triclopyr, butoxyethyl ester	5.92	N/A	4.0	A
Rights of way	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	2.98	N/A	N/A	N/A
Rights of way	Alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	0.19	N/A	N/A	N/A
Rights of way	Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	0.82	N/A	N/A	N/A
Rights of way	Alpha-undecyl-omega-hydroxypoly(oxyethylene)	2.75	N/A	N/A	N/A
Rights of way	Aminocyclopyrachlor, potassium salt	11.96	N/A	N/A	N/A
Rights of way	Aminopyralid, triisopropanolamine salt	9.47	N/A	N/A	N/A
Rights of way	Benzoic acid	0.07	N/A	N/A	N/A
Rights of way	Borax	41.33	N/A	N/A	N/A
Rights of way	Clopyralid, monoethanolamine salt	9.38	N/A	N/A	N/A
Rights of way	Copper hydroxide	2.95	N/A	N/A	N/A
Rights of way	Diethylene glycol	1.03	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	Dimethyl alkyl tertiary amines	0.07	N/A	N/A	N/A
Rights of way	Dimethylpolysiloxane	1.01	N/A	N/A	N/A
Rights of way	Diquat dibromide	10.26	N/A	N/A	N/A
Rights of way	Disodium octaborate anhydrous	73.57	N/A	N/A	N/A
Rights of way	Dithiopyr	1.5	N/A	N/A	N/A
Rights of way	Diuron	0.06	N/A	N/A	N/A
Rights of way	Fatty acids derived from tallow	0.07	N/A	N/A	N/A
Rights of way	Fatty acids, mixed	1.83	N/A	N/A	N/A
Rights of way	Flumioxazin	19.43	N/A	N/A	N/A
Rights of way	Glufosinate-ammonium	27.96	N/A	N/A	N/A
Rights of way	Glyphosate, dimethylamine salt	178.53	N/A	N/A	N/A
Rights of way	Glyphosate, isopropylamine salt	1.08	N/A	N/A	N/A
Rights of way	Glyphosate, monoammonium salt	26.23	N/A	N/A	N/A
Rights of way	Glyphosate, potassium salt	2.67	N/A	N/A	N/A
Rights of way	Imazapyr, isopropylamine salt	0.16	N/A	N/A	N/A
Rights of way	Indaziflam	3.1	N/A	N/A	N/A
Rights of way	Isoxaben	2.25	N/A	N/A	N/A
Rights of way	Lecithin	0.15	N/A	N/A	N/A
Rights of way	Metam-sodium	558.82	N/A	N/A	N/A
Rights of way	Methylated soybean oil	3.73	N/A	N/A	N/A
Rights of way	Mineral oil	7.09	N/A	N/A	N/A
Rights of way	Oxyfluorfen	2.95	N/A	N/A	N/A
Rights of way	Penoxsulam	0.06	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	Polyacrylamide, polyethylene glycol mixture	0.69	N/A	N/A	N/A
Rights of way	Polysorbate 65	0.05	N/A	N/A	N/A
Rights of way	Rimsulfuron	0.02	N/A	N/A	N/A
Rights of way	Sorbitan trioleate	0.05	N/A	N/A	N/A
Rights of way	Sulfentrazone	0.13	N/A	N/A	N/A
Rights of way	Sulfometuron-methyl	17.53	N/A	N/A	N/A
Rights of way	Tebuthiuron	0.02	N/A	N/A	N/A
Rights of way	Triclopyr choline	0.06	N/A	N/A	N/A
Rights of way	Triclopyr, butoxyethyl ester	6.48	N/A	N/A	N/A
Structural pest control	4-vinylcyclohexenediepoxyde	0.04	N/A	N/A	N/A
Structural pest control	Abamectin	0.13	N/A	N/A	N/A
Structural pest control	Abamectin, other related	<0.01	N/A	N/A	N/A
Structural pest control	Acephate	169.69	N/A	N/A	N/A
Structural pest control	Acetamiprid	2.2	N/A	N/A	N/A
Structural pest control	Alkyl (50% ^c 14, 40% ^c 12, 10% ^c 16) dimethylbenzyl ammonium chloride	0.48	N/A	N/A	N/A
Structural pest control	Alkyl (60% ^c 14, 30% ^c 16, 5% ^c 12, 5% ^c 18) dimethylbenzyl ammonium chloride	0.03	N/A	N/A	N/A
Structural pest control	Alkyl (68% ^c 12, 32% ^c 14) dimethylethylbenzyl ammonium chloride	0.03	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	Alpha-cypermethrin	2.0	N/A	N/A	N/A
Structural pest control	Bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins	<0.01	N/A	N/A	N/A
Structural pest control	Bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	0.01	N/A	N/A	N/A
Structural pest control	Bacillus thuringiensis, subsp. israelensis, strain am 65-52	0.01	N/A	N/A	N/A
Structural pest control	Beauveria bassiana strain gha	0.59	N/A	N/A	N/A
Structural pest control	Beta-cyfluthrin	32.12	N/A	N/A	N/A
Structural pest control	Bifenthrin	8.01	N/A	N/A	N/A
Structural pest control	Borax	18.8	N/A	N/A	N/A
Structural pest control	Boric acid	1,239.7	N/A	N/A	N/A
Structural pest control	Brodifacoum	<0.01	N/A	N/A	N/A
Structural pest control	Bromadiolone	<0.01	N/A	N/A	N/A
Structural pest control	Bromethalin	0.54	N/A	N/A	N/A
Structural pest control	Carbon	0.74	N/A	N/A	N/A
Structural pest control	Chlorantraniliprole	8.48	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	Chlordecone	<0.01	N/A	N/A	N/A
Structural pest control	Chlorfenapyr	81.41	N/A	N/A	N/A
Structural pest control	Chlorine dioxide	0.05	N/A	N/A	N/A
Structural pest control	Chlorophacinone	0.03	N/A	N/A	N/A
Structural pest control	Chloropicrin	0.84	N/A	N/A	N/A
Structural pest control	Cholecalciferol	2.08	N/A	N/A	N/A
Structural pest control	Clothianidin	3.07	N/A	N/A	N/A
Structural pest control	Cyfluthrin	47.74	N/A	N/A	N/A
Structural pest control	Cypermethrin	6.04	N/A	N/A	N/A
Structural pest control	D-allethrin	0.05	N/A	N/A	N/A
Structural pest control	D-trans allethrin	0.01	N/A	N/A	N/A
Structural pest control	Ddvp	0.14	N/A	N/A	N/A
Structural pest control	Ddvp, other related	0.01	N/A	N/A	N/A
Structural pest control	Deltamethrin	46.39	N/A	N/A	N/A
Structural pest control	Diatomaceous earth	12.96	N/A	N/A	N/A
Structural pest control	Didecyl dimethyl ammonium chloride	0.07	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	Difethialone	<0.01	N/A	N/A	N/A
Structural pest control	Dinotefuran	657.76	N/A	N/A	N/A
Structural pest control	Diocetyl dimethyl ammonium chloride	<0.01	N/A	N/A	N/A
Structural pest control	Diphacinone	0.52	N/A	N/A	N/A
Structural pest control	Diphacinone, sodium salt	0.02	N/A	N/A	N/A
Structural pest control	Disodium octaborate tetrahydrate	1,134.25	N/A	N/A	N/A
Structural pest control	Emamectin benzoate	0.04	N/A	N/A	N/A
Structural pest control	Esfenvalerate	2.66	N/A	N/A	N/A
Structural pest control	Etofenprox	0.7	N/A	N/A	N/A
Structural pest control	Fipronil	81.75	N/A	N/A	N/A
Structural pest control	Gamma-cyhalothrin	<0.01	N/A	N/A	N/A
Structural pest control	Hexaflumuron	<0.01	N/A	N/A	N/A
Structural pest control	Hydramethylnon	1.68	N/A	N/A	N/A
Structural pest control	Hydrogen peroxide	<0.01	N/A	N/A	N/A
Structural pest control	Hydroprene	35.56	N/A	N/A	N/A
Structural pest control	Imidacloprid	75.56	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	Indoxacarb	17.32	N/A	N/A	N/A
Structural pest control	Iron phosphate	0.04	N/A	N/A	N/A
Structural pest control	Isopropyl alcohol	33.45	N/A	N/A	N/A
Structural pest control	Lambda-cyhalothrin	50.87	N/A	N/A	N/A
Structural pest control	Limonene	126.19	N/A	N/A	N/A
Structural pest control	Margosa oil	0.58	N/A	N/A	N/A
Structural pest control	Methoprene	<0.01	N/A	N/A	N/A
Structural pest control	Methyl anthranilate	81.99	N/A	N/A	N/A
Structural pest control	Metofluthrin	0.06	N/A	N/A	N/A
Structural pest control	Mineral oil	110.32	N/A	N/A	N/A
Structural pest control	Muscalure	0.04	N/A	N/A	N/A
Structural pest control	N-octyl bicycloheptene dicarboximide	79.81	N/A	N/A	N/A
Structural pest control	Novaluron	1.64	N/A	N/A	N/A
Structural pest control	Noviflumuron	0.13	N/A	N/A	N/A
Structural pest control	Octyl decyl dimethyl ammonium chloride	<0.01	N/A	N/A	N/A
Structural pest control	Permethrin	23.85	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	Permethrin, other related	<0.01	N/A	N/A	N/A
Structural pest control	Phenothrin	18.19	N/A	N/A	N/A
Structural pest control	Phenylethyl propionate	0.02	N/A	N/A	N/A
Structural pest control	Piperonyl butoxide	86.06	N/A	N/A	N/A
Structural pest control	Piperonyl butoxide, other related	16.28	N/A	N/A	N/A
Structural pest control	Polybutenes	7.69	N/A	N/A	N/A
Structural pest control	Prallethrin	0.42	N/A	N/A	N/A
Structural pest control	Propoxur	<0.01	N/A	N/A	N/A
Structural pest control	Pyrethrins	19.35	N/A	N/A	N/A
Structural pest control	Pyriproxyfen	5.64	N/A	N/A	N/A
Structural pest control	S-methoprene	1.24	N/A	N/A	N/A
Structural pest control	Silica aerogel	33.19	N/A	N/A	N/A
Structural pest control	Sodium decyl sulfate	2.45	N/A	N/A	N/A
Structural pest control	Sodium lauroampho acetate	1.85	N/A	N/A	N/A
Structural pest control	Sodium lauryl sulfate	1.25	N/A	N/A	N/A
Structural pest control	Sodium nitrate	4.1	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	Spinosad	<0.01	N/A	N/A	N/A
Structural pest control	Sulfur	3.12	N/A	N/A	N/A
Structural pest control	Sulfuryl fluoride	1,076.68	N/A	N/A	N/A
Structural pest control	Tetramethrin	0.12	N/A	N/A	N/A
Structural pest control	Thiamethoxam	36.54	N/A	N/A	N/A
Structural pest control	Thyme oil	<0.01	N/A	N/A	N/A
Structural pest control	Triptolide	<0.01	N/A	N/A	N/A
Structural pest control	Warfarin	0.01	N/A	N/A	N/A
Structural pest control	Z,e-9,12-tetradecadien-1-yl acetate	<0.01	N/A	N/A	N/A
Structural pest control	Zinc phosphide	0.24	N/A	N/A	N/A
Turf/sod	Acibenzolar-s-methyl	0.03	N/A	189,200.0	S
Turf/sod	Azoxystrobin	1.2	N/A	189,200.0	S
Turf/sod	Mineral oil	479.38	N/A	662,200.0	S
Turf/sod	Trinexapac-ethyl	1.36	N/A	756,800.0	S
Uncultivated non-ag	Alpha-undecyl-omega-hydroxypoly(oxyethylene)	9.08	N/A	37.0	A
Uncultivated non-ag	Alpha-undecyl-omega-hydroxypoly(oxyethylene)	0.24	N/A	6,900.0	S
Uncultivated non-ag	Aminocyclopyrachlor, potassium salt	3.38	N/A	22.1	A
Uncultivated non-ag	Chlorsulfuron	1.4	N/A	22.1	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Uncultivated non-ag	Dithiopyr	6.62	N/A	14.6	A
Uncultivated non-ag	Diuron	1.05	N/A	6,900.0	S
Uncultivated non-ag	Glyphosate, isopropylamine salt	30.9	N/A	37.0	A
Uncultivated non-ag	Glyphosate, isopropylamine salt	0.66	N/A	6,900.0	S
Uncultivated non-ag	Glyphosate, potassium salt	2.11	N/A	6.0	U
Uncultivated non-ag	Indaziflam	1.49	N/A	22.4	A
Uncultivated non-ag	Isoxaben	0.83	N/A	14.6	A
Uncultivated non-ag	Lecithin	18.15	N/A	37.0	A
Uncultivated non-ag	Lecithin	0.48	N/A	6,900.0	S
Uncultivated non-ag	Methylated soybean oil	9.08	N/A	37.0	A
Uncultivated non-ag	Methylated soybean oil	0.24	N/A	6,900.0	S
Uncultivated non-ag	Rimsulfuron	0.63	N/A	13.2	A
Uncultivated non-ag	Sulfentrazone	3.7	N/A	14.9	A
Uncultivated non-ag	Tebuthiuron	0.35	N/A	6,900.0	S
Vertebrate control	Polybutenes	4.79	N/A	N/A	N/A
Water (industrial)	1,3-dichloro-5,5-dimethylhydantoin	505.76	N/A	19.0	U

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Water (industrial)	1,3-dichloro-5-ethyl-5-methylhydantoin	278.26	N/A	19.0	U
Water (industrial)	1-bromo-3-chloro-5,5-dimethyl hydantoin	1,860.52	N/A	25.0	U
Water (industrial)	2,2-dibromo-3-nitrilopropionamide	11.76	N/A	48.0	U
Water (industrial)	2-methyl-4-isothiazolin-3-one	31.64	N/A	606.0	U
Water (industrial)	5-chloro-2-methyl-4-isothiazolin-3-one	90.14	N/A	606.0	U
Water (industrial)	Glutaraldehyde	2,897.68	N/A	84.0	U
Water (industrial)	Sodium bromide	1,257.57	N/A	648.0	U
Water (industrial)	Sodium dichloro-s-triazinetriene	23.76	N/A	144.0	U
Water (industrial)	Sodium hypochlorite	1,943.16	N/A	711.0	U
Water systems - human potable/drinking	Sodium hypochlorite	12.97	N/A	28.0	U