

2021 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
Apple	copper hydroxide	0.04	2	7,600.0	S
Apple	copper oxychloride	0.05	2	7,600.0	S
Apple	mineral oil	0.68	2	7,600.0	S
Apricot	copper hydroxide	0.01	1	1,500.0	S
Apricot	copper oxychloride	0.01	1	1,500.0	S
Apricot	mineral oil	0.13	1	1,500.0	S
Avocado	copper hydroxide	<0.01	1	700.0	S
Avocado	copper oxychloride	<0.01	1	700.0	S
Avocado	mineral oil	0.06	1	700.0	S
Cherry	copper hydroxide	0.01	1	1,600.0	S
Cherry	copper oxychloride	0.01	1	1,600.0	S
Cherry	mineral oil	0.14	1	1,600.0	S
Fig	mineral oil	0.08	1	900.0	S
Food processing plant	alkyl (60% ^c 14, 30% ^c 16, 5% ^c 12, 5% ^c 18) dimethylbenzyl ammonium chloride	7.04	N/A	1.0	U

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Food processing plant	alkyl (68% ^c 12, 32% ^c 14) dimethylethylbenzyl ammonium chloride	7.04	N/A	1.0	U
Grape, wine	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	23.16	18	94.8	A
Grape, wine	alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	0.28	5	30.16	A
Grape, wine	alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	0.18	11	1.1	A
Grape, wine	alpha-alkyl (secondary ^c 12- ^c 14)-omega-hydroxypoly(oxyethylene)	19.84	18	126.12	A
Grape, wine	alpha-pinene beta-pinene copolymer	5.27	5	30.16	A
Grape, wine	bacillus amyloliquefaciens strain d747	165.46	5	50.14	A
Grape, wine	boscalid	14.62	3	47.0	A
Grape, wine	calcium chloride	1.06	1	20.2	A
Grape, wine	capric acid	109.05	1	20.2	A
Grape, wine	caprylic acid	160.16	1	20.2	A
Grape, wine	citric acid	2.94	1	20.2	A
Grape, wine	copper hydroxide	32.19	9	79.48	A
Grape, wine	copper oxide (ous)	8.66	4	14.0	A
Grape, wine	copper oxychloride	34.72	6	79.18	A
Grape, wine	fluopyram	0.7	1	11.0	A
Grape, wine	glyphosate, potassium salt	22.76	3	16.5	A
Grape, wine	mineral oil	871.04	30	214.46	A
Grape, wine	polyalkene oxide modified heptamethyl trisiloxane	0.13	11	1.1	A
Grape, wine	potassium bicarbonate	5.38	3	11.2	A
Grape, wine	propylene glycol	0.29	11	1.1	A
Grape, wine	pyraclostrobin	7.42	3	47.0	A
Grape, wine	pyriofenone	0.78	1	11.0	A
Grape, wine	qst 713 strain of dried bacillus subtilis	8.95	6	34.92	A
Grape, wine	quinoxifen	1.53	2	16.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	reynoutria sachalinensis	10.92	6	50.36	A
Grape, wine	sodium hypochlorite	0.69	1	5.0	A
Grape, wine	styrene butadiene copolymer	0.4	11	1.1	A
Grape, wine	sulfur	2,878.23	59	458.08	A
Grape, wine	tebuconazole	0.7	1	11.0	A
Landscape maintenance	(s)-kinoprene	0.41	N/A	N/A	N/A
Landscape maintenance	2,4-d	0.32	N/A	N/A	N/A
Landscape maintenance	2,4-d, 2-ethylhexyl ester	12.08	N/A	N/A	N/A
Landscape maintenance	2,4-d, butoxyethanol ester	9.75	N/A	N/A	N/A
Landscape maintenance	2,4-d, dimethylamine salt	0.03	1	12,000.0	S
Landscape maintenance	2,4-d, dimethylamine salt	1.12	N/A	N/A	N/A
Landscape maintenance	2,4-dp-p, isooctyl ester	0.97	N/A	N/A	N/A
Landscape maintenance	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	13.02	N/A	N/A	N/A
Landscape maintenance	abamectin	0.02	N/A	N/A	N/A
Landscape maintenance	acephate	0.06	N/A	N/A	N/A
Landscape maintenance	acetamiprid	1.05	N/A	N/A	N/A
Landscape maintenance	acibenzolar-s-methyl	0.68	N/A	N/A	N/A
Landscape maintenance	alkyl (c8,c10) polyglucoside	24.36	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene) sulfate, ammonium salt	<0.01	N/A	N/A	N/A
Landscape maintenance	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	240.03	N/A	N/A	N/A
Landscape maintenance	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	1.32	N/A	N/A	N/A
Landscape maintenance	alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	6.43	N/A	N/A	N/A
Landscape maintenance	aminopyralid, triisopropanolamine salt	6.8	N/A	N/A	N/A
Landscape maintenance	ammonium nitrate	1.77	N/A	N/A	N/A
Landscape maintenance	ammonium nonanoate	11.53	N/A	N/A	N/A
Landscape maintenance	ammonium sulfate	4.92	N/A	N/A	N/A
Landscape maintenance	azadirachtin	3.05	N/A	N/A	N/A
Landscape maintenance	azoxystrobin	110.57	N/A	N/A	N/A
Landscape maintenance	bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	0.05	N/A	N/A	N/A
Landscape maintenance	bacillus thuringiensis subsp. israelensis, strain sum-6218	0.03	N/A	N/A	N/A
Landscape maintenance	bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	40.61	N/A	N/A	N/A
Landscape maintenance	benzoic acid	0.15	N/A	N/A	N/A
Landscape maintenance	benzovindiflupyr	0.62	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	beta-cyfluthrin	0.29	N/A	N/A	N/A
Landscape maintenance	bifenazate	43.65	N/A	N/A	N/A
Landscape maintenance	bifenthrin	31.58	N/A	N/A	N/A
Landscape maintenance	boric acid	23.2	N/A	N/A	N/A
Landscape maintenance	boscalid	0.91	N/A	N/A	N/A
Landscape maintenance	bromethalin	0.01	N/A	N/A	N/A
Landscape maintenance	butyl lactate	0.75	N/A	N/A	N/A
Landscape maintenance	calcium chloride	0.04	N/A	N/A	N/A
Landscape maintenance	canola oil	1.93	N/A	N/A	N/A
Landscape maintenance	capric acid	154.98	N/A	N/A	N/A
Landscape maintenance	caprylic acid	210.56	N/A	N/A	N/A
Landscape maintenance	carbon dioxide	76.06	N/A	N/A	N/A
Landscape maintenance	carfentrazone-ethyl	3.59	N/A	N/A	N/A
Landscape maintenance	chlorantraniliprole	10.01	N/A	N/A	N/A
Landscape maintenance	chlorflurenol, methyl ester	0.3	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	chlorophacinone	0.01	N/A	N/A	N/A
Landscape maintenance	chlorothalonil	29.96	1	3.0	A
Landscape maintenance	chlorothalonil	45.15	1	150,000.0	S
Landscape maintenance	chlorothalonil	476.73	N/A	N/A	N/A
Landscape maintenance	chlorsulfuron	0.86	N/A	N/A	N/A
Landscape maintenance	cholecalciferol	0.01	N/A	N/A	N/A
Landscape maintenance	chromobacterium subtsugae strain praa4-1	1.18	N/A	N/A	N/A
Landscape maintenance	citric acid	0.38	N/A	N/A	N/A
Landscape maintenance	clarified hydrophobic extract of neem oil	14.05	N/A	N/A	N/A
Landscape maintenance	clethodim	3.14	N/A	N/A	N/A
Landscape maintenance	clopyralid, monoethanolamine salt	3.51	N/A	N/A	N/A
Landscape maintenance	clothianidin	5.0	N/A	N/A	N/A
Landscape maintenance	coconut diethanolamide	1.27	N/A	N/A	N/A
Landscape maintenance	copper ammonium carbonate	0.11	N/A	N/A	N/A
Landscape maintenance	copper diammonium diacetate complex	<0.01	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	copper hydroxide	22.15	N/A	N/A	N/A
Landscape maintenance	copper oxychloride	24.39	N/A	N/A	N/A
Landscape maintenance	cyfluthrin	0.02	N/A	N/A	N/A
Landscape maintenance	ddvp	0.29	N/A	N/A	N/A
Landscape maintenance	ddvp, other related	0.02	N/A	N/A	N/A
Landscape maintenance	desmedipham	3.22	N/A	N/A	N/A
Landscape maintenance	dicamba	0.8	N/A	N/A	N/A
Landscape maintenance	dicamba, dimethylamine salt	<0.01	1	12,000.0	S
Landscape maintenance	dicamba, dimethylamine salt	0.14	N/A	N/A	N/A
Landscape maintenance	diethylene glycol	1.17	N/A	N/A	N/A
Landscape maintenance	difenoconazole	12.69	N/A	N/A	N/A
Landscape maintenance	dikegulac sodium	0.07	N/A	N/A	N/A
Landscape maintenance	dimethyl alkyl tertiary amines	0.16	N/A	N/A	N/A
Landscape maintenance	dimethylpolysiloxane	0.07	N/A	N/A	N/A
Landscape maintenance	dinotefuran	40.84	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	diphacinone	0.03	N/A	N/A	N/A
Landscape maintenance	diquat dibromide	7.41	N/A	N/A	N/A
Landscape maintenance	dithiopyr	239.7	N/A	N/A	N/A
Landscape maintenance	dodecylbenzene sulfonic acid	5.49	N/A	N/A	N/A
Landscape maintenance	edta, tetrasodium salt	0.34	N/A	N/A	N/A
Landscape maintenance	emamectin benzoate	0.04	N/A	N/A	N/A
Landscape maintenance	esfenvalerate	<0.01	N/A	N/A	N/A
Landscape maintenance	ethephon	89.38	N/A	N/A	N/A
Landscape maintenance	ethofumesate	195.29	N/A	N/A	N/A
Landscape maintenance	ferric sodium edta	0.1	N/A	N/A	N/A
Landscape maintenance	ferrous sulfate	0.34	N/A	N/A	N/A
Landscape maintenance	fipronil	0.02	N/A	N/A	N/A
Landscape maintenance	fluazifop-p-butyl	0.91	N/A	N/A	N/A
Landscape maintenance	fluazinam	42.93	N/A	N/A	N/A
Landscape maintenance	fludioxonil	25.55	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	flumioxazin	0.06	N/A	N/A	N/A
Landscape maintenance	fluopicolide	1.83	N/A	N/A	N/A
Landscape maintenance	fluopyram	2.41	N/A	N/A	N/A
Landscape maintenance	flupyradifurone	4.07	N/A	N/A	N/A
Landscape maintenance	flurecol-methyl	0.07	N/A	N/A	N/A
Landscape maintenance	flurprimidol	7.53	N/A	N/A	N/A
Landscape maintenance	flutolanil	25.2	1	3.0	A
Landscape maintenance	flutolanil	1,972.01	N/A	N/A	N/A
Landscape maintenance	fluxapyroxad	24.21	N/A	N/A	N/A
Landscape maintenance	fosetyl-al	0.2	N/A	N/A	N/A
Landscape maintenance	glufosinate-ammonium	116.84	N/A	N/A	N/A
Landscape maintenance	glyphosate, dimethylamine salt	6.4	N/A	N/A	N/A
Landscape maintenance	glyphosate, isopropylamine salt	459.91	N/A	N/A	N/A
Landscape maintenance	glyphosate, monoammonium salt	1.43	N/A	N/A	N/A
Landscape maintenance	glyphosate, potassium salt	362.64	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	hydrogen peroxide	24.74	N/A	N/A	N/A
Landscape maintenance	imazapyr, isopropylamine salt	0.96	N/A	N/A	N/A
Landscape maintenance	imidacloprid	199.49	N/A	N/A	N/A
Landscape maintenance	indaziflam	0.09	N/A	N/A	N/A
Landscape maintenance	indoxacarb	0.84	N/A	N/A	N/A
Landscape maintenance	iprodione	166.37	N/A	N/A	N/A
Landscape maintenance	iron hedta	2.3	N/A	N/A	N/A
Landscape maintenance	iron phosphate	12.75	N/A	N/A	N/A
Landscape maintenance	isopropyl alcohol	1.67	N/A	N/A	N/A
Landscape maintenance	isoxaben	104.56	N/A	N/A	N/A
Landscape maintenance	lactic acid	1.57	N/A	N/A	N/A
Landscape maintenance	limonene	14.26	N/A	N/A	N/A
Landscape maintenance	mancozeb	116.08	N/A	N/A	N/A
Landscape maintenance	manganese sulfate	0.39	N/A	N/A	N/A
Landscape maintenance	mcpp, dimethylamine salt	0.1	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	mecoprop-p	2.27	N/A	N/A	N/A
Landscape maintenance	mefenoxam	3.77	N/A	N/A	N/A
Landscape maintenance	mefenoxam, other related	0.02	N/A	N/A	N/A
Landscape maintenance	mesotrione	3.0	N/A	N/A	N/A
Landscape maintenance	metam-sodium	10.29	N/A	N/A	N/A
Landscape maintenance	metconazole	4.88	N/A	N/A	N/A
Landscape maintenance	methyl-2,7-dichloro-9-hydroxyfluorene-9-carboxylate	0.05	N/A	N/A	N/A
Landscape maintenance	methylated soybean oil	14.72	N/A	N/A	N/A
Landscape maintenance	mineral oil	47.94	1	150,000.0	S
Landscape maintenance	mineral oil	1,752.05	N/A	N/A	N/A
Landscape maintenance	msma	4.79	N/A	N/A	N/A
Landscape maintenance	myclobutanil	1.25	N/A	N/A	N/A
Landscape maintenance	n,n-bis-(2-(omega-hydroxypoly(oxyethylene)/poly(oxypropylene))ethyl)alkyl (c8-c18) amine	20.87	N/A	N/A	N/A
Landscape maintenance	naa, ammonium salt	0.42	N/A	N/A	N/A
Landscape maintenance	oleic acid, ethyl ester	133.05	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	oleic acid, methyl ester	6.07	N/A	N/A	N/A
Landscape maintenance	organosilicone, poly oxyalkylene ether copolymer	78.29	N/A	N/A	N/A
Landscape maintenance	oryzalin	4.81	N/A	N/A	N/A
Landscape maintenance	paclobutrazol	96.43	N/A	N/A	N/A
Landscape maintenance	pendimethalin	176.91	N/A	N/A	N/A
Landscape maintenance	penoxsulam	0.21	N/A	N/A	N/A
Landscape maintenance	penthiopyrad	4.34	N/A	N/A	N/A
Landscape maintenance	permethrin	113.39	N/A	N/A	N/A
Landscape maintenance	petroleum distillates, refined	0.17	N/A	N/A	N/A
Landscape maintenance	petroleum oil, paraffin based	0.43	N/A	N/A	N/A
Landscape maintenance	phenmedipham	3.22	N/A	N/A	N/A
Landscape maintenance	phosphoric acid	1.96	N/A	N/A	N/A
Landscape maintenance	piperonyl butoxide	4.67	N/A	N/A	N/A
Landscape maintenance	piperonyl butoxide, other related	1.17	N/A	N/A	N/A
Landscape maintenance	poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	<0.01	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	polyalkene oxide modified heptamethyl trisiloxane	40.14	N/A	N/A	N/A
Landscape maintenance	polyethoxylated castor oil	0.04	N/A	N/A	N/A
Landscape maintenance	polyethylene glycol stearate	12.43	N/A	N/A	N/A
Landscape maintenance	polyoxin d, zinc salt	2.98	N/A	N/A	N/A
Landscape maintenance	polyoxyethylene dioleate	14.58	N/A	N/A	N/A
Landscape maintenance	polyoxyethylene polyol fatty acid esters	4.64	N/A	N/A	N/A
Landscape maintenance	polyoxyethylene sorbitan mixed fatty acid esters	0.07	N/A	N/A	N/A
Landscape maintenance	polyoxyethylene sorbitan monolaurate	22.44	N/A	N/A	N/A
Landscape maintenance	polyoxyethylene sorbitan monooleate	4.17	N/A	N/A	N/A
Landscape maintenance	potash soap	5.46	N/A	N/A	N/A
Landscape maintenance	potassium phosphite	19,526.0	N/A	N/A	N/A
Landscape maintenance	prodiamine	926.28	N/A	N/A	N/A
Landscape maintenance	propiconazole	87.41	N/A	N/A	N/A
Landscape maintenance	propylene glycol	40.65	N/A	N/A	N/A
Landscape maintenance	putrescent whole egg solids	1.04	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	pyraclostrobin	6.83	N/A	N/A	N/A
Landscape maintenance	pyraflufen-ethyl	<0.01	N/A	N/A	N/A
Landscape maintenance	pyrethrins	0.62	N/A	N/A	N/A
Landscape maintenance	pyriproxyfen	0.32	N/A	N/A	N/A
Landscape maintenance	quinclorac	0.02	1	12,000.0	S
Landscape maintenance	quinclorac	0.64	N/A	N/A	N/A
Landscape maintenance	quinclorac, dimethylamine salt	6.51	N/A	N/A	N/A
Landscape maintenance	silicone defoamer	0.14	N/A	N/A	N/A
Landscape maintenance	sodium xylene sulfonate	1.69	N/A	N/A	N/A
Landscape maintenance	sorbitan fatty acid esters	0.01	N/A	N/A	N/A
Landscape maintenance	spinosad	3.24	N/A	N/A	N/A
Landscape maintenance	sulfaquinoxaline	<0.01	N/A	N/A	N/A
Landscape maintenance	sulfentrazone	<0.01	1	12,000.0	S
Landscape maintenance	sulfentrazone	0.05	N/A	N/A	N/A
Landscape maintenance	sulfur	<0.01	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	tall oil fatty acids	2.2	N/A	N/A	N/A
Landscape maintenance	tau-fluvalinate	0.22	N/A	N/A	N/A
Landscape maintenance	tebuconazole	32.24	N/A	N/A	N/A
Landscape maintenance	tetrachlorvinphos	0.14	N/A	N/A	N/A
Landscape maintenance	tetrapotassium pyrophosphate	0.84	N/A	N/A	N/A
Landscape maintenance	thiabendazole, hypophosphite salt	0.42	N/A	N/A	N/A
Landscape maintenance	thiophanate-methyl	11.55	1	150,000.0	S
Landscape maintenance	thiophanate-methyl	11.68	N/A	N/A	N/A
Landscape maintenance	topramezone	0.65	N/A	N/A	N/A
Landscape maintenance	triadimefon	14.8	N/A	N/A	N/A
Landscape maintenance	triclopyr choline	86.93	N/A	N/A	N/A
Landscape maintenance	triclopyr, butoxyethyl ester	157.17	N/A	N/A	N/A
Landscape maintenance	triclopyr, triethylamine salt	0.17	N/A	N/A	N/A
Landscape maintenance	triethanolamine	2.15	N/A	N/A	N/A
Landscape maintenance	trifloxystrobin	5.99	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	trifloxysulfuron-sodium	0.01	N/A	N/A	N/A
Landscape maintenance	trifluralin	2.6	N/A	N/A	N/A
Landscape maintenance	trinexapac-ethyl	0.19	1	150,000.0	S
Landscape maintenance	trinexapac-ethyl	62.56	N/A	N/A	N/A
Landscape maintenance	warfarin	0.01	N/A	N/A	N/A
Landscape maintenance	zinc sulfate	0.74	N/A	N/A	N/A
N-grnhs flower	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	2.11	N/A	99.0	U
N-grnhs flower	organosilicone, poly oxyalkylene ether copolymer	1.07	N/A	99.0	U
N-grnhs flower	potassium phosphite	61.98	N/A	99.0	U
N-grnhs flower	propylene glycol	0.36	N/A	99.0	U
N-grnhs plants in containers	azadirachtin	0.07	3	30,500.0	S
N-grnhs plants in containers	chlorfenapyr	1.11	3	16,100.0	S
N-grnhs plants in containers	chlorothalonil	5.62	N/A	5.0	A
N-grnhs plants in containers	cyantraniliprole	0.04	1	5,500.0	S
N-grnhs plants in containers	imidacloprid	0.02	2	20,500.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs plants in containers	iprodisone	1.87	N/A	5.0	A
N-grnhs plants in containers	mineral oil	3.09	2	11,500.0	S
N-grnhs plants in containers	pymetrozine	0.16	1	10,000.0	S
N-grnhs plants in containers	spinosad	0.01	2	20,500.0	S
N-grnhs plants in containers	spirotetramat	0.01	1	10,000.0	S
N-outdr plants in containers	diquat dibromide	0.48	16	33,000.0	S
N-outdr plants in containers	glyphosate, isopropylamine salt	11.36	15	31,000.0	S
N-outdr plants in containers	glyphosate, monoammonium salt	0.73	1	2,000.0	S
N-outdr plants in containers	imidacloprid	0.01	1	150.0	S
N-outdr plants in containers	pendimethalin	0.11	8	11,700.0	S
Olive	alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	1.16	2	9.0	A
Olive	copper hydroxide	64.96	12	57.2	A
Olive	copper hydroxide	0.24	5	16,600.0	S
Olive	copper oxychloride	72.01	12	57.2	A
Olive	copper oxychloride	0.26	5	16,600.0	S
Olive	kaolin	1,056.88	10	46.81	A
Olive	mineral oil	2.65	2	0.58	A
Olive	mineral oil	3.64	5	16,600.0	S
Olive	spinosad	0.01	10	39.4	A
Pastureland	2,4-d, dimethylamine salt	87.21	4	155.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pastureland	alkyl (c8,c10) polyglucoside	5.52	3	25.85	A
Pastureland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	6.31	3	25.85	A
Pastureland	ammonium nitrate	2.63	3	25.85	A
Pastureland	ammonium sulfate	5.26	3	25.85	A
Pastureland	clopyralid, monoethanolamine salt	56.93	6	435.0	A
Pastureland	dimethylpolysiloxane	0.03	6	51.7	A
Pastureland	glyphosate, potassium salt	71.3	3	25.85	A
Pastureland	isopropyl alcohol	0.54	3	25.85	A
Pastureland	oxyfluorfen	19.45	3	25.85	A
Pastureland	polyethylene glycol	3.44	3	25.85	A
Pear	copper hydroxide	0.01	1	2,000.0	S
Pear	copper oxychloride	0.01	1	2,000.0	S
Pear	mineral oil	0.18	1	2,000.0	S
Persimmon	copper hydroxide	0.02	1	3,000.0	S
Persimmon	copper oxychloride	0.02	1	3,000.0	S
Persimmon	mineral oil	0.27	1	3,000.0	S
Plum	copper hydroxide	0.01	1	2,000.0	S
Plum	copper oxychloride	0.01	1	2,000.0	S
Plum	mineral oil	0.18	1	2,000.0	S
Public health	alpha-isooctadecyl-omega-hydroxypoly(oxyethylene)	8.75	N/A	N/A	N/A
Public health	bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins	49.96	N/A	N/A	N/A
Public health	bacillus thuringiensis, subsp. israelensis, strain am 65-52	403.19	N/A	N/A	N/A
Public health	d-trans allethrin	0.01	N/A	N/A	N/A
Public health	etofenprox	1.69	N/A	N/A	N/A
Public health	methoprene	25.85	N/A	N/A	N/A
Public health	mineral oil	74.74	N/A	N/A	N/A
Public health	petroleum distillates	21.84	N/A	N/A	N/A
Public health	phenothrin	0.01	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Public health	piperonyl butoxide	27.71	N/A	N/A	N/A
Public health	piperonyl butoxide, other related	6.69	N/A	N/A	N/A
Public health	pyrethrins	6.26	N/A	N/A	N/A
Public health	s-methoprene	46.98	N/A	N/A	N/A
Public health	silica aerogel	24.69	N/A	N/A	N/A
Public health	spinosad	17.11	N/A	N/A	N/A
Regulatory pest control	glyphosate, isopropylamine salt	0.38	N/A	N/A	N/A
Regulatory pest control	imazapyr, isopropylamine salt	0.05	N/A	N/A	N/A
Regulatory pest control	oleic acid, ethyl ester	0.11	N/A	N/A	N/A
Regulatory pest control	polyoxyethylene dioleate	0.02	N/A	N/A	N/A
Regulatory pest control	polyoxyethylene sorbitan monooleate	0.01	N/A	N/A	N/A
Rights of way	2,4-d, 2-ethylhexyl ester	7.55	N/A	N/A	N/A
Rights of way	2,4-dp-p, isooctyl ester	2.5	N/A	N/A	N/A
Rights of way	2-butoxyethanol	23.25	N/A	N/A	N/A
Rights of way	alcohols, c12-c14, aliphatic	9.04	N/A	N/A	N/A
Rights of way	alkyl (c9-c11) oligomeric d-glucoopyranoside	25.83	N/A	N/A	N/A
Rights of way	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	0.07	N/A	N/A	N/A
Rights of way	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	27.66	N/A	N/A	N/A
Rights of way	alpha-undecyl-omega-hydroxypoly(oxyethylene)	0.12	N/A	N/A	N/A
Rights of way	aminopyralid, triisopropanolamine salt	29.35	N/A	N/A	N/A
Rights of way	ammonium nitrate	3.57	N/A	N/A	N/A
Rights of way	ammonium sulfate	88.34	N/A	N/A	N/A
Rights of way	benzoic acid	0.21	N/A	N/A	N/A
Rights of way	borax	237.06	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	capric acid	7.2	N/A	N/A	N/A
Rights of way	caprylic acid	10.57	N/A	N/A	N/A
Rights of way	carfentrazone-ethyl	0.39	N/A	N/A	N/A
Rights of way	chlorsulfuron	0.84	N/A	N/A	N/A
Rights of way	clopyralid, monoethanolamine salt	3.96	N/A	N/A	N/A
Rights of way	copper hydroxide	16.89	N/A	N/A	N/A
Rights of way	dicamba	0.49	N/A	N/A	N/A
Rights of way	diethylene glycol	0.03	N/A	N/A	N/A
Rights of way	dimethyl alkyl tertiary amines	0.23	N/A	N/A	N/A
Rights of way	dimethylpolysiloxane	<0.01	N/A	N/A	N/A
Rights of way	diquat dibromide	58.56	N/A	N/A	N/A
Rights of way	disodium octaborate anhydrous	2.9	N/A	N/A	N/A
Rights of way	dithiopyr	62.95	N/A	N/A	N/A
Rights of way	fatty acids, mixed	0.05	N/A	N/A	N/A
Rights of way	glufosinate-ammonium	43.53	N/A	N/A	N/A
Rights of way	glyphosate, dimethylamine salt	468.41	N/A	N/A	N/A
Rights of way	glyphosate, isopropylamine salt	77.72	N/A	N/A	N/A
Rights of way	glyphosate, potassium salt	0.06	N/A	N/A	N/A
Rights of way	hexylene glycol	23.25	N/A	N/A	N/A
Rights of way	imazapyr, isopropylamine salt	4.72	N/A	N/A	N/A
Rights of way	indaziflam	1.22	N/A	N/A	N/A
Rights of way	isoxaben	24.62	N/A	N/A	N/A
Rights of way	lecithin	0.11	N/A	N/A	N/A
Rights of way	mecoprop-p	0.81	N/A	N/A	N/A
Rights of way	metam-sodium	166.5	N/A	N/A	N/A
Rights of way	methylated soybean oil	8.05	N/A	N/A	N/A
Rights of way	oleic acid, methyl ester	15.46	N/A	N/A	N/A
Rights of way	oxyfluorfen	23.46	N/A	N/A	N/A
Rights of way	penoxsulam	0.49	N/A	N/A	N/A
Rights of way	polyacrylamide polymer	4.84	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	rimsulfuron	0.44	N/A	N/A	N/A
Rights of way	sodium alpha-olefin (c14-c16) sulfonate	176.97	N/A	N/A	N/A
Rights of way	sulfentrazone	1.03	N/A	N/A	N/A
Rights of way	sulfometuron-methyl	2.9	N/A	N/A	N/A
Rights of way	triclopyr choline	53.81	N/A	N/A	N/A
Rights of way	triclopyr, triethylamine salt	5.97	N/A	N/A	N/A
Structural pest control	4-vinylcyclohexenediepoide	0.01	N/A	N/A	N/A
Structural pest control	abamectin	0.05	N/A	N/A	N/A
Structural pest control	abamectin, other related	<0.01	N/A	N/A	N/A
Structural pest control	acephate	17.72	N/A	N/A	N/A
Structural pest control	acetamiprid	0.57	N/A	N/A	N/A
Structural pest control	alkyl (50%c14, 40%c12, 10%c16) dimethylbenzyl ammonium chloride	0.04	N/A	N/A	N/A
Structural pest control	alkyl (60%c14, 30%c16, 5%c12, 5%c18) dimethylbenzyl ammonium chloride	<0.01	N/A	N/A	N/A
Structural pest control	alkyl (68%c12, 32%c14) dimethylethylbenzyl ammonium chloride	<0.01	N/A	N/A	N/A
Structural pest control	alkyl (c8,c10) polyglucoside	0.05	N/A	N/A	N/A
Structural pest control	alpha-cypermethrin	4.62	N/A	N/A	N/A
Structural pest control	ammonium nitrate	0.09	N/A	N/A	N/A
Structural pest control	ammonium sulfate	0.09	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	0.01	N/A	N/A	N/A
Structural pest control	beauveria bassiana strain gha	0.01	N/A	N/A	N/A
Structural pest control	beta-cyfluthrin	24.89	N/A	N/A	N/A
Structural pest control	bifenthrin	74.75	N/A	N/A	N/A
Structural pest control	borax	26.24	N/A	N/A	N/A
Structural pest control	boric acid	961.61	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	0.22	N/A	N/A	N/A
Structural pest control	chlorantraniliprole	20.07	N/A	N/A	N/A
Structural pest control	chlorfenapyr	42.07	N/A	N/A	N/A
Structural pest control	chlorine dioxide	<0.01	N/A	N/A	N/A
Structural pest control	chlorophacinone	<0.01	N/A	N/A	N/A
Structural pest control	cholecalciferol	3.41	N/A	N/A	N/A
Structural pest control	clothianidin	0.33	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	cyantraniliprole	<0.01	N/A	N/A	N/A
Structural pest control	cyfluthrin	2.87	N/A	N/A	N/A
Structural pest control	cypermethrin	3.59	N/A	N/A	N/A
Structural pest control	d-trans allethrin	0.01	N/A	N/A	N/A
Structural pest control	ddvp	0.58	N/A	N/A	N/A
Structural pest control	ddvp, other related	0.04	N/A	N/A	N/A
Structural pest control	deltamethrin	15.34	N/A	N/A	N/A
Structural pest control	diatomaceous earth	7.21	N/A	N/A	N/A
Structural pest control	didecyl dimethyl ammonium chloride	0.02	N/A	N/A	N/A
Structural pest control	difethialone	<0.01	N/A	N/A	N/A
Structural pest control	dimethylpolysiloxane	<0.01	N/A	N/A	N/A
Structural pest control	dinotefuran	107.91	N/A	N/A	N/A
Structural pest control	dioctyl dimethyl ammonium chloride	0.01	N/A	N/A	N/A
Structural pest control	diphacinone	0.41	N/A	N/A	N/A
Structural pest control	disodium octaborate tetrahydrate	1,437.94	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	emamectin benzoate	<0.01	N/A	N/A	N/A
Structural pest control	esfenvalerate	6.15	N/A	N/A	N/A
Structural pest control	etofenprox	0.36	N/A	N/A	N/A
Structural pest control	fipronil	121.78	N/A	N/A	N/A
Structural pest control	gamma-cyhalothrin	2.9	N/A	N/A	N/A
Structural pest control	hexaflumuron	0.01	N/A	N/A	N/A
Structural pest control	hydramethylnon	2.28	N/A	N/A	N/A
Structural pest control	hydrogen peroxide	5.87	N/A	N/A	N/A
Structural pest control	hydroprene	4.17	N/A	N/A	N/A
Structural pest control	imidacloprid	44.78	N/A	N/A	N/A
Structural pest control	indoxacarb	1.56	N/A	N/A	N/A
Structural pest control	iron phosphate	<0.01	N/A	N/A	N/A
Structural pest control	isopropyl alcohol	1.26	N/A	N/A	N/A
Structural pest control	lambda-cyhalothrin	9.66	N/A	N/A	N/A
Structural pest control	limonene	50.63	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	mefenoxam	0.47	N/A	N/A	N/A
Structural pest control	methoprene	0.02	N/A	N/A	N/A
Structural pest control	metofluthrin	0.01	N/A	N/A	N/A
Structural pest control	muscalure	0.01	N/A	N/A	N/A
Structural pest control	n-octyl bicycloheptene dicarboximide	9.76	N/A	N/A	N/A
Structural pest control	novaluron	0.54	N/A	N/A	N/A
Structural pest control	noviflumuron	2.07	N/A	N/A	N/A
Structural pest control	octyl decyl dimethyl ammonium chloride	0.03	N/A	N/A	N/A
Structural pest control	permethrin	18.22	N/A	N/A	N/A
Structural pest control	petroleum distillates	<0.01	N/A	N/A	N/A
Structural pest control	petroleum distillates, aromatic	<0.01	N/A	N/A	N/A
Structural pest control	phenothrin	0.32	N/A	N/A	N/A
Structural pest control	phenylethyl propionate	0.22	N/A	N/A	N/A
Structural pest control	piperonyl butoxide	178.28	N/A	N/A	N/A
Structural pest control	piperonyl butoxide, other related	28.3	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	prallethrin	1.35	N/A	N/A	N/A
Structural pest control	propiconazole	1.47	N/A	N/A	N/A
Structural pest control	pyrethrins	33.11	N/A	N/A	N/A
Structural pest control	pyriproxyfen	2.35	N/A	N/A	N/A
Structural pest control	resmethrin	<0.01	N/A	N/A	N/A
Structural pest control	resmethrin, other related	<0.01	N/A	N/A	N/A
Structural pest control	s-methoprene	0.08	N/A	N/A	N/A
Structural pest control	silica aerogel	16.59	N/A	N/A	N/A
Structural pest control	sodium decyl sulfate	1.26	N/A	N/A	N/A
Structural pest control	sodium lauroampho acetate	0.95	N/A	N/A	N/A
Structural pest control	sodium lauryl sulfate	0.64	N/A	N/A	N/A
Structural pest control	strychnine	<0.01	N/A	N/A	N/A
Structural pest control	sulfuryl fluoride	16,007.22	N/A	N/A	N/A
Structural pest control	tetramethrin	0.09	N/A	N/A	N/A
Structural pest control	thiamethoxam	2.27	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
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	zinc phosphide	0.05	N/A	N/A	N/A
Uncultivated ag	iron phosphate	0.51	6	1.26	A
Uncultivated ag	iron phosphate	0.1	17	8,560.0	S
Uncultivated non-ag	glyphosate, isopropylamine salt	2.58	N/A	20.45	A
Vertebrate control	cholecalciferol	<0.01	N/A	N/A	N/A
Water (industrial)	2,2-dibromo-3-nitrilopropionamide	2.85	N/A	1.0	U
Water (industrial)	2-methyl-4-isothiazolin-3-one	0.8	N/A	96.0	U
Water (industrial)	5-chloro-2-methyl-4-isothiazolin-3-one	2.26	N/A	96.0	U
Water (industrial)	alpha-undecyl-omega-hydroxypoly(oxyethylene)	0.9	N/A	18.0	A
Water (industrial)	copper ethanolamine complexes, mixed	51.28	N/A	9.75	A
Water (industrial)	copper sulfate (pentahydrate)	16.26	N/A	3.5	A
Water (industrial)	diquat dibromide	96.96	N/A	13.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Water (industrial)	fatty acids, c16-c18 and c18-unsaturated, methyl esters	1.35	N/A	18.0	A
Water (industrial)	hydrogen peroxide	5,240.73	N/A	9.0	U
Water (industrial)	limonene	6.75	N/A	18.0	A
Water (industrial)	peroxyacetic acid	1,107.48	N/A	9.0	U
Water (industrial)	sodium bromide	0.79	N/A	216.0	U
Water (industrial)	sodium carbonate peroxyhydrate	793.05	N/A	132.5	A
Water (industrial)	sodium hypochlorite	6.91	N/A	217.0	U
Water area	alpha-undecyl-omega-hydroxypoly(oxyethylene)	0.89	N/A	2,445.0	S
Water area	copper ethanolamine complexes, mixed	21.41	N/A	2.25	A
Water area	copper ethanolamine complexes, mixed	10,692.87	N/A	235,720.59	K
Water area	copper ethylenediamine complex	638.67	N/A	13,590.72	K
Water area	copper sulfate (pentahydrate)	346.5	N/A	3,606.77	K
Water area	endothall, mono [n,n-dimethyl alkylamine] salt	2.24	N/A	0.17	A
Water area	fluridone	0.5	N/A	3.01	A
Water area	imazapyr, isopropylamine salt	0.03	N/A	2,445.0	S
Water area	lecithin	1.78	N/A	2,445.0	S
Water area	methylated soybean oil	0.89	N/A	2,445.0	S