

2019 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 non-agricultural 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% ^c 14, 30% ^c 16, 5% ^c 12, 5% ^c 18) dimethylbenzyl ammonium chloride	14.49	N/A	2.0	U
Food processing plant	alkyl (68% ^c 12, 32% ^c 14) dimethylethylbenzyl ammonium chloride	14.49	N/A	2.0	U
Forest, timberland	triclopyr, butoxyethyl ester	0.6	N/A	60.0	U
Golf course turf	chlorothalonil	21.77	N/A	180,000.0	S
Golf course turf	iprodione	7.26	N/A	180,000.0	S
Grape, wine	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	16.69	21	166.41	A
Grape, wine	alpha-pinene beta-pinene copolymer	10.07	5	40.2	A
Grape, wine	azoxystrobin	0.29	1	5.0	A
Grape, wine	boscalid	25.91	8	127.5	A
Grape, wine	butyl alcohol	0.12	7	3.5	A
Grape, wine	chlorantraniliprole	4.86	3	20.5	A
Grape, wine	copper hydroxide	12.31	4	44.4	A
Grape, wine	copper oxide (ous)	166.18	10	162.0	A
Grape, wine	copper oxychloride	13.65	4	44.4	A
Grape, wine	cyflufenamid	0.61	4	24.5	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	cyprodinil	2.5	3	29.17	A
Grape, wine	difenoconazole	0.87	3	29.17	A
Grape, wine	dimethylpolysiloxane	<0.01	7	3.5	A
Grape, wine	alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	0.54	5	40.2	A
Grape, wine	fatty acids, methyl esters	17.4	4	9.0	A
Grape, wine	fenhexamid	12.0	3	24.0	A
Grape, wine	flutriafol	2.31	3	28.17	A
Grape, wine	glufosinate-ammonium	80.57	11	68.5	A
Grape, wine	glyphosate, isopropylamine salt	27.38	3	15.2	A
Grape, wine	glyphosate, potassium salt	12.46	3	14.54	A
Grape, wine	hydrogen peroxide	157.08	33	146.69	A
Grape, wine	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	1.34	1	11.0	A
Grape, wine	indaziflam	0.08	1	1.7	A
Grape, wine	lime-sulfur	30.79	1	1.5	A
Grape, wine	metrafenone	6.27	3	24.0	A
Grape, wine	mineral oil	2,275.99	37	404.87	A
Grape, wine	myclobutanil	3.15	5	30.0	A
Grape, wine	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	2.05	11	12.5	A
Grape, wine	peroxyacetic acid	0.19	2	4.25	A
Grape, wine	petroleum distillates, refined	28.15	5	16.0	A
Grape, wine	polyoxin d, zinc salt	2.34	5	45.59	A
Grape, wine	potassium bicarbonate	26.58	2	16.66	A
Grape, wine	pyraclostrobin	13.16	8	127.5	A
Grape, wine	pyrethrins	0.03	1	1.5	A
Grape, wine	qst 713 strain of dried bacillus subtilis	33.21	40	146.15	A
Grape, wine	quinoxifen	3.3	4	25.42	A
Grape, wine	reynoutria sachalinensis	0.96	8	18.9	A
Grape, wine	spirotetramat	0.5	1	4.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	sulfur	2,868.76	83	554.32	A
Grape, wine	triflumizole	7.23	2	24.17	A
Landscape maintenance	abamectin	0.03	N/A	N/A	N/A
Landscape maintenance	acetamiprid	3.34	N/A	N/A	N/A
Landscape maintenance	acibenzolar-s-methyl	0.22	N/A	N/A	N/A
Landscape maintenance	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	3.08	N/A	N/A	N/A
Landscape maintenance	alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	1.3	N/A	N/A	N/A
Landscape maintenance	alkyl (c8,c10) polyglucoside	5.96	N/A	N/A	N/A
Landscape maintenance	d-trans allethrin	<0.01	N/A	N/A	N/A
Landscape maintenance	aminopyralid, triisopropanolamine salt	2.13	N/A	N/A	N/A
Landscape maintenance	ammonium nonanoate	2.61	N/A	N/A	N/A
Landscape maintenance	ammonium nitrate	1.4	N/A	N/A	N/A
Landscape maintenance	ammonium sulfate	11.85	N/A	N/A	N/A
Landscape maintenance	azadirachtin	3.05	N/A	N/A	N/A
Landscape maintenance	azoxystrobin	7.84	N/A	N/A	N/A
Landscape maintenance	bacillus subtilis gb03	<0.01	N/A	N/A	N/A
Landscape maintenance	bacillus thuringiensis (berliner), subsp. kurstaki, serotype 3a,3b	0.06	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	135.45	N/A	N/A	N/A
Landscape maintenance	benzoic acid	0.24	N/A	N/A	N/A
Landscape maintenance	bifenazate	0.28	N/A	N/A	N/A
Landscape maintenance	bifenthrin	29.91	N/A	N/A	N/A
Landscape maintenance	borax	0.07	N/A	N/A	N/A
Landscape maintenance	boscalid	1.06	N/A	N/A	N/A
Landscape maintenance	bromacil	<0.01	N/A	N/A	N/A
Landscape maintenance	bromethalin	0.01	N/A	N/A	N/A
Landscape maintenance	calcium hypochlorite	0.18	N/A	N/A	N/A
Landscape maintenance	capric acid	15.5	N/A	N/A	N/A
Landscape maintenance	caprylic acid	22.76	N/A	N/A	N/A
Landscape maintenance	carfentrazone-ethyl	5.16	N/A	N/A	N/A
Landscape maintenance	chlorantraniliprole	9.97	N/A	N/A	N/A
Landscape maintenance	chlorophacinone	0.01	N/A	N/A	N/A
Landscape maintenance	chlorothalonil	723.2	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	chlorpyrifos	0.07	N/A	N/A	N/A
Landscape maintenance	chlorsulfuron	0.14	N/A	N/A	N/A
Landscape maintenance	cholecalciferol	0.01	N/A	N/A	N/A
Landscape maintenance	chromobacterium subtsugae strain praa4-1	0.11	N/A	N/A	N/A
Landscape maintenance	clarified hydrophobic extract of neem oil	1.64	N/A	N/A	N/A
Landscape maintenance	clopyralid, monoethanolamine salt	15.01	N/A	N/A	N/A
Landscape maintenance	clopyralid,triethylamine salt	2.66	N/A	N/A	N/A
Landscape maintenance	clothianidin	0.57	N/A	N/A	N/A
Landscape maintenance	coconut diethanolamide	0.99	N/A	N/A	N/A
Landscape maintenance	copper ammonium complex	0.31	N/A	N/A	N/A
Landscape maintenance	copper diammonium diacetate complex	0.37	N/A	N/A	N/A
Landscape maintenance	copper hydroxide	12.39	N/A	N/A	N/A
Landscape maintenance	copper octanoate	<0.01	N/A	N/A	N/A
Landscape maintenance	copper oxide (ous)	0.05	N/A	N/A	N/A
Landscape maintenance	copper oxychloride	13.67	N/A	N/A	N/A
Landscape maintenance	coyote urine	0.05	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	cyazofamid	0.25	N/A	N/A	N/A
Landscape maintenance	cyflumetofen	0.09	N/A	N/A	N/A
Landscape maintenance	cyfluthrin	0.03	N/A	N/A	N/A
Landscape maintenance	beta-cyfluthrin	0.23	N/A	N/A	N/A
Landscape maintenance	cypermethrin	<0.01	N/A	N/A	N/A
Landscape maintenance	2,4-d	0.02	N/A	N/A	N/A
Landscape maintenance	2,4-d, dimethylamine salt	0.39	N/A	N/A	N/A
Landscape maintenance	2,4-d, 2-ethylhexyl ester	38.59	N/A	N/A	N/A
Landscape maintenance	2,4-d, isooctyl ester	2.13	N/A	N/A	N/A
Landscape maintenance	ddvp	0.12	N/A	N/A	N/A
Landscape maintenance	ddvp, other related	0.01	N/A	N/A	N/A
Landscape maintenance	deltamethrin	<0.01	N/A	N/A	N/A
Landscape maintenance	dicamba	3.02	N/A	N/A	N/A
Landscape maintenance	dicamba, dimethylamine salt	0.05	N/A	N/A	N/A
Landscape maintenance	diethylene glycol	0.9	N/A	N/A	N/A
Landscape maintenance	difenoconazole	1.96	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	dikegulac sodium	0.55	N/A	N/A	N/A
Landscape maintenance	dimethyl alkyl tertiary amines	0.26	N/A	N/A	N/A
Landscape maintenance	dimethylpolysiloxane	0.1	N/A	N/A	N/A
Landscape maintenance	dinotefuran	17.97	N/A	N/A	N/A
Landscape maintenance	diphacinone	0.03	N/A	N/A	N/A
Landscape maintenance	diquat dibromide	68.54	N/A	N/A	N/A
Landscape maintenance	disulfoton	0.4	N/A	N/A	N/A
Landscape maintenance	dithiopyr	45.94	N/A	N/A	N/A
Landscape maintenance	dodecylbenzene sulfonic acid	4.31	N/A	N/A	N/A
Landscape maintenance	alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	1.47	N/A	N/A	N/A
Landscape maintenance	edta, tetrasodium salt	0.27	N/A	N/A	N/A
Landscape maintenance	emamectin benzoate	0.02	N/A	N/A	N/A
Landscape maintenance	esfenvalerate	0.19	N/A	N/A	N/A
Landscape maintenance	ethephon	188.58	N/A	N/A	N/A
Landscape maintenance	ethofumesate	101.92	N/A	N/A	N/A
Landscape maintenance	fatty acids derived from tallow	0.52	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	fipronil	0.02	N/A	N/A	N/A
Landscape maintenance	fluazifop-p-butyl	9.76	N/A	N/A	N/A
Landscape maintenance	fluazinam	6.06	N/A	N/A	N/A
Landscape maintenance	fludioxonil	30.28	N/A	N/A	N/A
Landscape maintenance	flumioxazin	0.32	N/A	N/A	N/A
Landscape maintenance	fluopicolide	0.06	N/A	N/A	N/A
Landscape maintenance	fluopyram	3.87	N/A	N/A	N/A
Landscape maintenance	flupyradifurone	1.04	N/A	N/A	N/A
Landscape maintenance	flurprimidol	0.99	N/A	N/A	N/A
Landscape maintenance	flutolanil	79.41	N/A	N/A	N/A
Landscape maintenance	tau-fluvalinate	0.1	N/A	N/A	N/A
Landscape maintenance	fluxapyroxad	0.69	N/A	N/A	N/A
Landscape maintenance	foramsulfuron	0.1	N/A	N/A	N/A
Landscape maintenance	fosetyl-al	1.35	N/A	N/A	N/A
Landscape maintenance	fox urine	0.02	N/A	N/A	N/A
Landscape maintenance	free fatty acids and/or amine salts	61.52	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	glufosinate-ammonium	66.84	N/A	N/A	N/A
Landscape maintenance	glyphosate, isopropylamine salt	977.63	N/A	N/A	N/A
Landscape maintenance	glyphosate, monoammonium salt	3.66	N/A	N/A	N/A
Landscape maintenance	glyphosate, potassium salt	456.72	N/A	N/A	N/A
Landscape maintenance	imazapic, ammonium salt	0.05	N/A	N/A	N/A
Landscape maintenance	imazapyr, isopropylamine salt	1.26	N/A	N/A	N/A
Landscape maintenance	imidacloprid	199.96	N/A	N/A	N/A
Landscape maintenance	indaziflam	0.39	N/A	N/A	N/A
Landscape maintenance	indoxacarb	0.58	N/A	N/A	N/A
Landscape maintenance	iprodione	28.67	N/A	N/A	N/A
Landscape maintenance	iron hedta	1.2	N/A	N/A	N/A
Landscape maintenance	iron phosphate	18.22	N/A	N/A	N/A
Landscape maintenance	isopropyl alcohol	1.31	N/A	N/A	N/A
Landscape maintenance	isoxaben	49.28	N/A	N/A	N/A
Landscape maintenance	(s)-kinoprene	0.24	N/A	N/A	N/A
Landscape maintenance	lecithin	4.98	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	limonene	15.56	N/A	N/A	N/A
Landscape maintenance	malathion	0.19	N/A	N/A	N/A
Landscape maintenance	mancozeb	23.9	N/A	N/A	N/A
Landscape maintenance	mcpa, 2-ethyl hexyl ester	<0.01	N/A	N/A	N/A
Landscape maintenance	mcpp	0.01	N/A	N/A	N/A
Landscape maintenance	mcpp, dimethylamine salt	0.09	N/A	N/A	N/A
Landscape maintenance	mecoprop-p	3.99	N/A	N/A	N/A
Landscape maintenance	mefenoxam	5.57	N/A	N/A	N/A
Landscape maintenance	mefenoxam, other related	0.12	N/A	N/A	N/A
Landscape maintenance	metalaxyl	0.12	N/A	N/A	N/A
Landscape maintenance	metconazole	4.81	N/A	N/A	N/A
Landscape maintenance	methylated soybean oil	11.65	N/A	N/A	N/A
Landscape maintenance	mineral oil	708.46	N/A	N/A	N/A
Landscape maintenance	myclobutanil	1.07	N/A	N/A	N/A
Landscape maintenance	naa	0.06	N/A	N/A	N/A
Landscape maintenance	naa, ammonium salt	0.53	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	napropamide	2.55	N/A	N/A	N/A
Landscape maintenance	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	251.7	N/A	N/A	N/A
Landscape maintenance	n-octyl bicycloheptene dicarboximide	0.01	N/A	N/A	N/A
Landscape maintenance	oleic acid, ethyl ester	102.24	N/A	N/A	N/A
Landscape maintenance	oleic acid, methyl ester	45.3	N/A	N/A	N/A
Landscape maintenance	oryzalin	86.75	N/A	N/A	N/A
Landscape maintenance	paclobutrazol	79.85	N/A	N/A	N/A
Landscape maintenance	pcnb	57.39	N/A	N/A	N/A
Landscape maintenance	pcp, other related	<0.01	N/A	N/A	N/A
Landscape maintenance	pendimethalin	244.56	N/A	N/A	N/A
Landscape maintenance	penoxsulam	1.4	N/A	N/A	N/A
Landscape maintenance	pentachlorophenol	<0.01	N/A	N/A	N/A
Landscape maintenance	penthiopyrad	11.25	N/A	N/A	N/A
Landscape maintenance	permethrin	118.47	N/A	N/A	N/A
Landscape maintenance	permethrin, other related	<0.01	N/A	N/A	N/A
Landscape maintenance	petroleum distillates	121.92	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	petroleum distillates, refined	1.32	N/A	N/A	N/A
Landscape maintenance	petroleum oil, paraffin based	0.23	N/A	N/A	N/A
Landscape maintenance	petroleum oil, unclassified	0.84	N/A	N/A	N/A
Landscape maintenance	phenothrin	<0.01	N/A	N/A	N/A
Landscape maintenance	phosphoric acid	0.85	N/A	N/A	N/A
Landscape maintenance	piperonyl butoxide	13.84	N/A	N/A	N/A
Landscape maintenance	piperonyl butoxide, other related	3.46	N/A	N/A	N/A
Landscape maintenance	polyalkene oxide modified heptamethyl trisiloxane	124.99	N/A	N/A	N/A
Landscape maintenance	polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	0.12	N/A	N/A	N/A
Landscape maintenance	polymerized pinene	26.04	N/A	N/A	N/A
Landscape maintenance	polyoxin d, zinc salt	3.39	N/A	N/A	N/A
Landscape maintenance	polyoxyethylene dioleate	17.89	N/A	N/A	N/A
Landscape maintenance	polyoxyethylene sorbitan monooleate	5.11	N/A	N/A	N/A
Landscape maintenance	potash soap	6.54	N/A	N/A	N/A
Landscape maintenance	potassium phosphite	15,083.13	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	prallethrin	<0.01	N/A	N/A	N/A
Landscape maintenance	prodiamine	1.12	N/A	N/A	N/A
Landscape maintenance	propiconazole	134.25	N/A	N/A	N/A
Landscape maintenance	propylene glycol	42.62	N/A	N/A	N/A
Landscape maintenance	putrescent whole egg solids	0.41	N/A	N/A	N/A
Landscape maintenance	pyraclostrobin	1.92	N/A	N/A	N/A
Landscape maintenance	pyraflufen-ethyl	0.04	N/A	N/A	N/A
Landscape maintenance	pyrethrins	1.73	N/A	N/A	N/A
Landscape maintenance	pyriproxyfen	0.49	N/A	N/A	N/A
Landscape maintenance	quinclorac	0.15	N/A	N/A	N/A
Landscape maintenance	quinclorac, dimethylamine salt	48.46	N/A	N/A	N/A
Landscape maintenance	rimsulfuron	0.14	N/A	N/A	N/A
Landscape maintenance	silicone defoamer	0.11	N/A	N/A	N/A
Landscape maintenance	sodium xylene sulfonate	1.33	N/A	N/A	N/A
Landscape maintenance	spinosad	4.99	N/A	N/A	N/A
Landscape maintenance	strychnine	0.01	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	sulfentrazone	0.06	N/A	N/A	N/A
Landscape maintenance	sulfometuron-methyl	0.14	N/A	N/A	N/A
Landscape maintenance	tall oil fatty acids	1.66	N/A	N/A	N/A
Landscape maintenance	tebuconazole	10.25	N/A	N/A	N/A
Landscape maintenance	alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	5.05	N/A	N/A	N/A
Landscape maintenance	tetrapotassium pyrophosphate	0.66	N/A	N/A	N/A
Landscape maintenance	thiabendazole, hypophosphite salt	0.46	N/A	N/A	N/A
Landscape maintenance	thiophanate-methyl	26.93	N/A	N/A	N/A
Landscape maintenance	topramezone	0.71	N/A	N/A	N/A
Landscape maintenance	triadimefon	9.57	N/A	N/A	N/A
Landscape maintenance	triclopyr, butoxyethyl ester	195.61	N/A	N/A	N/A
Landscape maintenance	triclopyr choline	7.15	N/A	N/A	N/A
Landscape maintenance	triclopyr, triethylamine salt	7.25	N/A	N/A	N/A
Landscape maintenance	triethanolamine	1.69	N/A	N/A	N/A
Landscape maintenance	trifloxystrobin	1.91	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	trifluralin	2.0	N/A	N/A	N/A
Landscape maintenance	alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	0.22	N/A	N/A	N/A
Landscape maintenance	trinexapac-ethyl	71.57	N/A	N/A	N/A
Landscape maintenance	triticonazole	5.02	N/A	N/A	N/A
Landscape maintenance	alpha-undecyl-omega-hydroxypoly(oxyethylene)	2.49	N/A	N/A	N/A
Landscape maintenance	vinclozolin	3.75	N/A	N/A	N/A
Landscape maintenance	warfarin	<0.01	N/A	N/A	N/A
Landscape maintenance	zinc phosphide	0.01	N/A	N/A	N/A
N-grnhs flower	acetamiprid	3.29	N/A	470.0	U
N-grnhs flower	alkyl (c8,c10) polyglucoside	0.16	N/A	350.0	S
N-grnhs flower	aminopyralid, triisopropanolamine salt	0.01	N/A	350.0	S
N-grnhs flower	azadirachtin	0.32	N/A	161.0	U
N-grnhs flower	azoxystrobin	0.06	N/A	400.0	S
N-grnhs flower	azoxystrobin	1.48	N/A	236.0	U
N-grnhs flower	benzoic acid	<0.01	N/A	400.0	S
N-grnhs flower	benzoic acid	0.14	N/A	341.0	U
N-grnhs flower	butyl alcohol	0.23	N/A	41.0	U
N-grnhs flower	chlorothalonil	0.26	N/A	400.0	S
N-grnhs flower	chlorothalonil	3.59	N/A	115.0	U
N-grnhs flower	dimethyl alkyl tertiary amines	<0.01	N/A	400.0	S
N-grnhs flower	dimethyl alkyl tertiary amines	0.15	N/A	341.0	U
N-grnhs flower	dimethylpolysiloxane	<0.01	N/A	41.0	U
N-grnhs flower	dinotefuran	0.45	N/A	23.0	U

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs flower	emamectin benzoate	<0.01	N/A	5.0	U
N-grnhs flower	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	56.04	N/A	282.0	U
N-grnhs flower	imidacloprid	6.85	N/A	403.0	U
N-grnhs flower	indoxacarb	0.52	N/A	168.0	U
N-grnhs flower	mefenoxam	0.23	N/A	50.0	U
N-grnhs flower	mefenoxam, other related	0.01	N/A	50.0	U
N-grnhs flower	methylated soybean oil	0.11	N/A	400.0	S
N-grnhs flower	methylated soybean oil	5.38	N/A	341.0	U
N-grnhs flower	mineral oil	13.61	N/A	104.0	U
N-grnhs flower	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	85.45	N/A	2,873.0	U
N-grnhs flower	oleic acid, ethyl ester	6.16	N/A	414.0	U
N-grnhs flower	oleic acid, methyl ester	14.34	N/A	70.0	U
N-grnhs flower	paclobutrazol	0.45	N/A	13.0	U
N-grnhs flower	permethrin	13.97	N/A	789.0	U
N-grnhs flower	polyalkene oxide modified heptamethyl trisiloxane	42.51	N/A	2,832.0	U
N-grnhs flower	polyethylene glycol stearate	1.54	N/A	414.0	U
N-grnhs flower	potassium phosphite	0.08	N/A	25.0	S
N-grnhs flower	potassium phosphite	2,013.75	N/A	3,209.0	U
N-grnhs flower	propiconazole	0.54	N/A	60.0	U
N-grnhs flower	propylene glycol	14.17	N/A	2,832.0	U
N-grnhs flower	triclopyr, butoxyethyl ester	12.22	N/A	80.0	U
N-grnhs flower	triclopyr, triethylamine salt	0.11	N/A	350.0	S
N-grnhs plants in containers	capsicum oleoresin	0.01	1	6,000.0	S
N-grnhs plants in containers	copper sulfate (pentahydrate)	<0.01	1	4.0	C
N-grnhs plants in containers	copper sulfate (pentahydrate)	<0.01	1	4.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs plants in containers	dinotefuran	0.15	7	17,714.0	S
N-grnhs plants in containers	garlic	0.04	1	6,000.0	S
N-grnhs plants in containers	mineral oil	15.49	5	15,550.0	S
N-grnhs plants in containers	soybean oil	0.11	1	6,000.0	S
N-grnhs plants in containers	spinosad	0.01	1	6,000.0	S
N-outdr flower	acetamiprid	0.01	N/A	20.0	U
N-outdr flower	azadirachtin	0.01	N/A	400.0	S
N-outdr flower	azoxystrobin	0.03	N/A	23.0	U
N-outdr flower	mineral oil	5.51	N/A	12.0	U
N-outdr flower	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	2.34	N/A	70.0	U
N-outdr flower	oleic acid, ethyl ester	0.02	N/A	8.0	U
N-outdr flower	polyalkene oxide modified heptamethyl trisiloxane	1.19	N/A	70.0	U
N-outdr flower	polyethylene glycol stearate	0.01	N/A	8.0	U
N-outdr flower	propylene glycol	0.4	N/A	70.0	U
N-outdr plants in containers	glyphosate, isopropylamine salt	6.85	13	27,500.0	S
N-outdr plants in containers	iron phosphate	0.03	5	4,703.0	S
N-outdr plants in containers	pendimethalin	0.67	13	87,500.0	S
Olive	copper hydroxide	143.2	28	148.43	A
Olive	copper oxychloride	158.73	28	148.43	A
Olive	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	9.93	11	56.53	A
Olive	kaolin	2,310.88	20	106.05	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Olive	mineral oil	143.2	7	39.2	A
Olive	pyrethrins	0.08	1	6.6	A
Olive	spinosad	0.01	16	90.2	A
Pastureland	aminopyralid, triisopropanolamine salt	60.74	11	317.0	A
Pastureland	clopyralid, monoethanolamine salt	59.37	7	310.0	A
Pastureland	2,4-d, dimethylamine salt	98.46	2	175.0	A
Public health	d-trans allethrin	0.02	N/A	N/A	N/A
Public health	bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins	518.89	N/A	N/A	N/A
Public health	bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	175.15	N/A	N/A	N/A
Public health	bacillus thuringiensis, subsp. israelensis, strain am 65-52	1,322.36	N/A	N/A	N/A
Public health	etofenprox	13.6	N/A	N/A	N/A
Public health	alpha-isooctadecyl-omega-hydroxypoly(oxyethylene)	11.62	N/A	N/A	N/A
Public health	methoprene	149.07	N/A	N/A	N/A
Public health	s-methoprene	11.53	N/A	N/A	N/A
Public health	mineral oil	78.81	N/A	N/A	N/A
Public health	petroleum distillates	30.54	N/A	N/A	N/A
Public health	petroleum distillates, refined	537.36	N/A	N/A	N/A
Public health	phenothrin	0.01	N/A	N/A	N/A
Public health	piperonyl butoxide	36.7	N/A	N/A	N/A
Public health	piperonyl butoxide, other related	9.18	N/A	N/A	N/A
Public health	pyrethrins	9.61	N/A	N/A	N/A
Public health	silica aerogel	30.81	N/A	N/A	N/A
Public health	spinosad	10.81	N/A	N/A	N/A
Regulatory pest control	bifenthrin	0.01	N/A	N/A	N/A
Regulatory pest control	bromadiolone	<0.01	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Regulatory pest control	chloropicrin	0.44	N/A	N/A	N/A
Regulatory pest control	clothianidin	0.04	N/A	N/A	N/A
Regulatory pest control	beta-cyfluthrin	<0.01	N/A	N/A	N/A
Regulatory pest control	dinotefuran	0.38	N/A	N/A	N/A
Regulatory pest control	diquat dibromide	0.51	N/A	N/A	N/A
Regulatory pest control	disodium octaborate tetrahydrate	12.37	N/A	N/A	N/A
Regulatory pest control	fipronil	1.41	N/A	N/A	N/A
Regulatory pest control	glyphosate, isopropylamine salt	13.63	N/A	N/A	N/A
Regulatory pest control	imazapyr, isopropylamine salt	0.15	N/A	N/A	N/A
Regulatory pest control	imidacloprid	0.32	N/A	N/A	N/A
Regulatory pest control	lambda-cyhalothrin	0.02	N/A	N/A	N/A
Regulatory pest control	metofluthrin	<0.01	N/A	N/A	N/A
Regulatory pest control	n-octyl bicycloheptene dicarboximide	0.01	N/A	N/A	N/A
Regulatory pest control	oleic acid, ethyl ester	0.5	N/A	N/A	N/A
Regulatory pest control	pendimethalin	4.14	N/A	N/A	N/A
Regulatory pest control	phenothrin	0.01	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Regulatory pest control	piperonyl butoxide	0.09	N/A	N/A	N/A
Regulatory pest control	polyoxyethylene dioleate	0.09	N/A	N/A	N/A
Regulatory pest control	polyoxyethylene sorbitan monooleate	0.03	N/A	N/A	N/A
Regulatory pest control	silica aerogel	0.05	N/A	N/A	N/A
Regulatory pest control	sulfuryl fluoride	228.1	N/A	N/A	N/A
Rights of way	alcohols, c12-c14, aliphatic	19.99	N/A	N/A	N/A
Rights of way	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	39.63	N/A	N/A	N/A
Rights of way	alkyl (c9-c11) oligomeric d-glucopyranoside	57.11	N/A	N/A	N/A
Rights of way	allyloxypolyethylene glycol acetate	<0.01	N/A	N/A	N/A
Rights of way	aminopyralid, triisopropanolamine salt	28.43	N/A	N/A	N/A
Rights of way	ammonium nitrate	5.11	N/A	N/A	N/A
Rights of way	ammonium sulfate	126.57	N/A	N/A	N/A
Rights of way	benzoic acid	2.71	N/A	N/A	N/A
Rights of way	borax	2,536.7	N/A	N/A	N/A
Rights of way	2-butoxyethanol	51.4	N/A	N/A	N/A
Rights of way	carfentrazone-ethyl	0.22	N/A	N/A	N/A
Rights of way	copper ammonium carbonate	0.04	N/A	N/A	N/A
Rights of way	copper hydroxide	180.78	N/A	N/A	N/A
Rights of way	2,4-d, 2-ethylhexyl ester	4.33	N/A	N/A	N/A
Rights of way	dicamba	0.28	N/A	N/A	N/A
Rights of way	dimethyl alkyl tertiary amines	2.96	N/A	N/A	N/A
Rights of way	diquat dibromide	129.45	N/A	N/A	N/A
Rights of way	disodium octaborate anhydrous	21.38	N/A	N/A	N/A
Rights of way	dithiopyr	5.57	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	glufosinate-ammonium	60.68	N/A	N/A	N/A
Rights of way	glyphosate, dimethylamine salt	417.85	N/A	N/A	N/A
Rights of way	glyphosate, isopropylamine salt	346.64	N/A	N/A	N/A
Rights of way	hexylene glycol	51.4	N/A	N/A	N/A
Rights of way	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	<0.01	N/A	N/A	N/A
Rights of way	indaziflam	14.2	N/A	N/A	N/A
Rights of way	isoxaben	1.17	N/A	N/A	N/A
Rights of way	lecithin	2.01	N/A	N/A	N/A
Rights of way	mecoprop-p	1.1	N/A	N/A	N/A
Rights of way	metam-sodium	3,166.49	N/A	N/A	N/A
Rights of way	methylated soybean oil	101.73	N/A	N/A	N/A
Rights of way	mineral oil	4.67	N/A	N/A	N/A
Rights of way	oleic acid, methyl ester	8.73	N/A	N/A	N/A
Rights of way	polyethylene glycol diacetate	<0.01	N/A	N/A	N/A
Rights of way	sodium alpha-olefin (c14-c16) sulfonate	391.19	N/A	N/A	N/A
Rights of way	sulfentrazone	0.01	N/A	N/A	N/A
Rights of way	sulfometuron-methyl	0.42	N/A	N/A	N/A
Rights of way	triclopyr choline	5.08	N/A	N/A	N/A
Rights of way	triclopyr, triethylamine salt	2.41	N/A	N/A	N/A
Rights of way	alpha-undecyl-omega-hydroxypoly(oxyethylene)	1.01	N/A	N/A	N/A
Structural pest control	abamectin	0.06	N/A	N/A	N/A
Structural pest control	abamectin, other related	<0.01	N/A	N/A	N/A
Structural pest control	acephate	9.7	N/A	N/A	N/A
Structural pest control	acetamiprid	0.26	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	alkyl (50% ^{c14} , 40% ^{c12} , 10% ^{c16}) dimethylbenzyl ammonium chloride	0.21	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	d-trans allethrin	0.09	N/A	N/A	N/A
Structural pest control	bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	0.03	N/A	N/A	N/A
Structural pest control	bifenthrin	40.08	N/A	N/A	N/A
Structural pest control	borax	30.77	N/A	N/A	N/A
Structural pest control	boric acid	1,679.66	N/A	N/A	N/A
Structural pest control	brodifacoum	<0.01	N/A	N/A	N/A
Structural pest control	bromadiolone	0.12	N/A	N/A	N/A
Structural pest control	bromethalin	0.01	N/A	N/A	N/A
Structural pest control	chlorantraniliprole	24.67	N/A	N/A	N/A
Structural pest control	chlorfenapyr	56.04	N/A	N/A	N/A
Structural pest control	chlorine dioxide	<0.01	N/A	N/A	N/A
Structural pest control	chlorophacinone	0.02	N/A	N/A	N/A
Structural pest control	chloropicrin	0.69	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	chlorothalonil	1.65	N/A	N/A	N/A
Structural pest control	chlorpyrifos	<0.01	N/A	N/A	N/A
Structural pest control	cholecalciferol	0.6	N/A	N/A	N/A
Structural pest control	clothianidin	0.02	N/A	N/A	N/A
Structural pest control	cyantraniliprole	<0.01	N/A	N/A	N/A
Structural pest control	cyfluthrin	2.78	N/A	N/A	N/A
Structural pest control	beta-cyfluthrin	42.36	N/A	N/A	N/A
Structural pest control	cypermethrin	20.57	N/A	N/A	N/A
Structural pest control	ddvp	0.07	N/A	N/A	N/A
Structural pest control	ddvp, other related	0.01	N/A	N/A	N/A
Structural pest control	deltamethrin	195.04	N/A	N/A	N/A
Structural pest control	diatomaceous earth	23.66	N/A	N/A	N/A
Structural pest control	didecyl dimethyl ammonium chloride	<0.01	N/A	N/A	N/A
Structural pest control	difethialone	0.07	N/A	N/A	N/A
Structural pest control	diflubenzuron	<0.01	N/A	N/A	N/A
Structural pest control	dinotefuran	23.03	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	diphacinone	0.4	N/A	N/A	N/A
Structural pest control	diphacinone, sodium salt	0.06	N/A	N/A	N/A
Structural pest control	disodium octaborate tetrahydrate	1,542.77	N/A	N/A	N/A
Structural pest control	esfenvalerate	7.76	N/A	N/A	N/A
Structural pest control	etofenprox	0.04	N/A	N/A	N/A
Structural pest control	fipronil	253.07	N/A	N/A	N/A
Structural pest control	gamma-cyhalothrin	0.18	N/A	N/A	N/A
Structural pest control	hexaflumuron	0.02	N/A	N/A	N/A
Structural pest control	hydramethylnon	3.14	N/A	N/A	N/A
Structural pest control	hydroprene	9.77	N/A	N/A	N/A
Structural pest control	imidacloprid	81.99	N/A	N/A	N/A
Structural pest control	indoxacarb	2.64	N/A	N/A	N/A
Structural pest control	isopropyl alcohol	0.04	N/A	N/A	N/A
Structural pest control	lambda-cyhalothrin	6.23	N/A	N/A	N/A
Structural pest control	limonene	204.25	N/A	N/A	N/A
Structural pest control	methoprene	<0.01	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	s-methoprene	0.04	N/A	N/A	N/A
Structural pest control	metofluthrin	<0.01	N/A	N/A	N/A
Structural pest control	muscalure	0.02	N/A	N/A	N/A
Structural pest control	napropamide	0.08	N/A	N/A	N/A
Structural pest control	novaluron	0.01	N/A	N/A	N/A
Structural pest control	noviflumuron	1.29	N/A	N/A	N/A
Structural pest control	n-octyl bicycloheptene dicarboximide	17.77	N/A	N/A	N/A
Structural pest control	permethrin	2.65	N/A	N/A	N/A
Structural pest control	permethrin, other related	0.01	N/A	N/A	N/A
Structural pest control	petroleum distillates	<0.01	N/A	N/A	N/A
Structural pest control	phenothrin	0.52	N/A	N/A	N/A
Structural pest control	phenylethyl propionate	0.46	N/A	N/A	N/A
Structural pest control	piperonyl butoxide	208.8	N/A	N/A	N/A
Structural pest control	piperonyl butoxide, other related	32.34	N/A	N/A	N/A
Structural pest control	polybutenes	19.11	N/A	N/A	N/A
Structural pest control	prallethrin	1.88	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	pyrethrins	48.86	N/A	N/A	N/A
Structural pest control	pyriproxyfen	1.88	N/A	N/A	N/A
Structural pest control	silica aerogel	1,161.85	N/A	N/A	N/A
Structural pest control	sodium decyl sulfate	2.4	N/A	N/A	N/A
Structural pest control	sodium lauroampho acetate	1.81	N/A	N/A	N/A
Structural pest control	sodium lauryl sulfate	1.22	N/A	N/A	N/A
Structural pest control	sulfuryl fluoride	12,156.14	N/A	N/A	N/A
Structural pest control	z,e-9,12-tetradecadien-1-yl acetate	0.38	N/A	N/A	N/A
Structural pest control	tetramethrin	0.01	N/A	N/A	N/A
Structural pest control	thiamethoxam	3.28	N/A	N/A	N/A
Structural pest control	thyme	0.01	N/A	N/A	N/A
Structural pest control	thyme oil	0.04	N/A	N/A	N/A
Structural pest control	warfarin	0.01	N/A	N/A	N/A
Uncultivated ag	clarified hydrophobic extract of neem oil	6.4	4	0.51	A
Uncultivated ag	iron phosphate	3.55	12	5.75	A
Uncultivated ag	iron phosphate	0.29	28	28,830.0	S
Vegetable	iron phosphate	0.01	2	800.0	S
Water (industrial)	5-chloro-2-methyl-4-isothiazolin-3-one	1.13	N/A	96.0	U
Water (industrial)	copper ethanolamine complexes, mixed	21.58	N/A	5.25	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Water (industrial)	copper ethylenediamine complex	10.0	N/A	0.5	A
Water (industrial)	2,2-dibromo-3-nitrilopropionamide	29.24	N/A	1.0	U
Water (industrial)	diquat dibromide	37.29	N/A	5.0	A
Water (industrial)	glutaraldehyde	50.37	N/A	48.0	U
Water (industrial)	hydrogen peroxide	832.34	N/A	4.0	U
Water (industrial)	2-methyl-4-isothiazolin-3-one	0.4	N/A	96.0	U
Water (industrial)	peroxyacetic acid	175.89	N/A	4.0	U
Water (industrial)	sodium bromide	0.2	N/A	144.0	U
Water (industrial)	sodium carbonate peroxyhydrate	1,062.08	N/A	83.25	A
Water (industrial)	sodium hypochlorite	18.44	N/A	145.0	U
Water area	copper citrate chelate	1,452.71	N/A	56,880.57	K
Water area	copper ethanolamine complexes, mixed	6,359.35	N/A	114,371.13	K
Water area	copper gluconate chelate	1,407.67	N/A	56,880.57	K
Water area	copper sulfate (pentahydrate)	940.5	N/A	5,096.52	K
Water area	diquat dibromide	223.75	N/A	30.0	A
Water area	endothall, mono [n,n-dimethyl alkylamine] salt	4.53	N/A	0.4	A
Water area	imazapyr, isopropylamine salt	0.04	N/A	3,393.0	S
Water systems - human potable/drinking	sodium hypochlorite	4.07	N/A	4.0	A