

2020 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	0.21	1	6,700.0	S
Apple	copper oxychloride	0.24	1	6,700.0	S
Food processing plant	alkyl (60% ^{c14} , 30% ^{c16} , 5% ^{c12} , 5% ^{c18}) dimethylbenzyl ammonium chloride	7.45	N/A	2.0	U
Food processing plant	alkyl (68% ^{c12} , 32% ^{c14}) dimethylethylbenzyl ammonium chloride	7.45	N/A	2.0	U
Forage hay/silage	bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	10.8	1	10.0	A
Grape, wine	alpha-alkyl (secondary ^{c12-c14})-omega-hydroxypoly(oxyethylene)	17.16	12	100.83	A
Grape, wine	boscalid	74.03	4	76.0	A
Grape, wine	calcium chloride	0.01	1	0.16	A
Grape, wine	citric acid	0.04	1	0.16	A
Grape, wine	copper hydroxide	7.8	2	24.2	A
Grape, wine	copper oxide (ous)	159.41	8	152.0	A
Grape, wine	copper oxychloride	8.65	2	24.2	A
Grape, wine	fatty acids, methyl esters	9.28	6	20.42	A
Grape, wine	glufosinate-ammonium	5.84	1	8.5	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	glyphosate, isopropylamine salt	8.0	2	10.0	A
Grape, wine	glyphosate, potassium salt	47.53	9	35.02	A
Grape, wine	hydrogen peroxide	135.52	22	106.81	A
Grape, wine	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	0.72	9	4.16	A
Grape, wine	indaziflam	0.42	6	20.42	A
Grape, wine	mineral oil	1,492.27	25	254.59	A
Grape, wine	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	0.59	6	20.42	A
Grape, wine	potassium bicarbonate	4.91	1	4.0	A
Grape, wine	pyraclostrobin	37.6	4	76.0	A
Grape, wine	pyrethrins	0.3	3	12.1	A
Grape, wine	qst 713 strain of dried bacillus subtilis	42.03	33	153.91	A
Grape, wine	quinoxifen	0.48	1	5.0	A
Grape, wine	reynoutria sachalinensis	0.51	4	9.45	A
Grape, wine	rimsulfuron	0.33	6	20.42	A
Grape, wine	sethoxydim	1.87	6	20.42	A
Grape, wine	sodium hypochlorite	0.63	1	5.0	A
Grape, wine	sulfur	3,683.72	91	577.9	A
Grape, wine	trifloxystrobin	0.78	1	5.0	A
Landscape maintenance	abamectin	0.01	N/A	N/A	N/A
Landscape maintenance	acetamiprid	15.9	N/A	N/A	N/A
Landscape maintenance	acetic acid	1.2	N/A	N/A	N/A
Landscape maintenance	acibenzolar-s-methyl	0.13	N/A	N/A	N/A
Landscape maintenance	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	0.1	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	1.8	N/A	N/A	N/A
Landscape maintenance	alkyl (c8,c10) polyglucoside	132.12	N/A	N/A	N/A
Landscape maintenance	aminopyralid, triisopropanolamine salt	2.41	N/A	N/A	N/A
Landscape maintenance	ammonium nonanoate	2.11	N/A	N/A	N/A
Landscape maintenance	ammonium nitrate	5.92	N/A	N/A	N/A
Landscape maintenance	ammonium sulfate	10.49	N/A	N/A	N/A
Landscape maintenance	azadirachtin	4.38	N/A	N/A	N/A
Landscape maintenance	azoxystrobin	20.85	N/A	N/A	N/A
Landscape maintenance	bacillus amyloliquefaciens strain d747	3.89	N/A	N/A	N/A
Landscape maintenance	bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	0.08	N/A	N/A	N/A
Landscape maintenance	bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	150.21	N/A	N/A	N/A
Landscape maintenance	benzoic acid	0.34	N/A	N/A	N/A
Landscape maintenance	bifenazate	0.77	N/A	N/A	N/A
Landscape maintenance	bifenthrin	34.49	N/A	N/A	N/A
Landscape maintenance	n,n-bis-(2-(omega-hydroxypoly(oxyethylene)/poly(oxypropylene))ethyl)alkyl (c8-c18) amine	52.18	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	borax	0.02	N/A	N/A	N/A
Landscape maintenance	boscalid	2.96	N/A	N/A	N/A
Landscape maintenance	bromethalin	0.01	N/A	N/A	N/A
Landscape maintenance	canola oil	<0.01	N/A	N/A	N/A
Landscape maintenance	capric acid	1.5	N/A	N/A	N/A
Landscape maintenance	caprylic acid	2.2	N/A	N/A	N/A
Landscape maintenance	carbon dioxide	45.88	N/A	N/A	N/A
Landscape maintenance	carfentrazone-ethyl	8.28	N/A	N/A	N/A
Landscape maintenance	chlorantraniliprole	14.55	N/A	N/A	N/A
Landscape maintenance	chlorflurenol, methyl ester	0.02	N/A	N/A	N/A
Landscape maintenance	chlorophacinone	0.02	N/A	N/A	N/A
Landscape maintenance	chlorothalonil	677.84	N/A	N/A	N/A
Landscape maintenance	chlorpyrifos	0.24	N/A	N/A	N/A
Landscape maintenance	chlorsulfuron	0.01	N/A	N/A	N/A
Landscape maintenance	cholecalciferol	0.03	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	chromobacterium subtsugae strain praa4-1	0.3	N/A	N/A	N/A
Landscape maintenance	clarified hydrophobic extract of neem oil	2.78	N/A	N/A	N/A
Landscape maintenance	clopyralid, monoethanolamine salt	8.0	N/A	N/A	N/A
Landscape maintenance	clopyralid, triethylamine salt	1.58	N/A	N/A	N/A
Landscape maintenance	clothianidin	5.83	N/A	N/A	N/A
Landscape maintenance	coconut diethanolamide	1.82	N/A	N/A	N/A
Landscape maintenance	copper diammonium diacetate complex	0.24	N/A	N/A	N/A
Landscape maintenance	copper hydroxide	44.14	N/A	N/A	N/A
Landscape maintenance	copper octanoate	<0.01	N/A	N/A	N/A
Landscape maintenance	copper oxychloride	48.08	N/A	N/A	N/A
Landscape maintenance	coyote urine	0.17	N/A	N/A	N/A
Landscape maintenance	cyazofamid	0.5	N/A	N/A	N/A
Landscape maintenance	cyfluthrin	0.06	N/A	N/A	N/A
Landscape maintenance	beta-cyfluthrin	0.58	N/A	N/A	N/A
Landscape maintenance	2,4-d, dimethylamine salt	0.01	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	2,4-d, 2-ethylhexyl ester	18.27	N/A	N/A	N/A
Landscape maintenance	deltamethrin	<0.01	N/A	N/A	N/A
Landscape maintenance	dicamba	1.2	N/A	N/A	N/A
Landscape maintenance	dicamba, dimethylamine salt	<0.01	N/A	N/A	N/A
Landscape maintenance	diethylene glycol	1.24	N/A	N/A	N/A
Landscape maintenance	dikegulac sodium	2.26	N/A	N/A	N/A
Landscape maintenance	dimethyl alkyl tertiary amines	0.37	N/A	N/A	N/A
Landscape maintenance	dimethylpolysiloxane	0.07	N/A	N/A	N/A
Landscape maintenance	dinotefuran	14.81	N/A	N/A	N/A
Landscape maintenance	diphacinone	0.01	N/A	N/A	N/A
Landscape maintenance	diquat dibromide	3.73	N/A	N/A	N/A
Landscape maintenance	dithiopyr	118.26	N/A	N/A	N/A
Landscape maintenance	dodecylbenzene sulfonic acid	7.88	N/A	N/A	N/A
Landscape maintenance	alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	0.43	N/A	N/A	N/A
Landscape maintenance	2,4-dp-p, isooctyl ester	0.07	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	edta, tetrasodium salt	0.48	N/A	N/A	N/A
Landscape maintenance	emamectin benzoate	0.08	N/A	N/A	N/A
Landscape maintenance	esfenvalerate	0.28	N/A	N/A	N/A
Landscape maintenance	ethephon	141.73	N/A	N/A	N/A
Landscape maintenance	ethofumesate	262.78	N/A	N/A	N/A
Landscape maintenance	fatty acids derived from tallow	0.72	N/A	N/A	N/A
Landscape maintenance	fipronil	0.04	N/A	N/A	N/A
Landscape maintenance	fluazifop-p-butyl	2.21	N/A	N/A	N/A
Landscape maintenance	fluazinam	1,203.84	N/A	N/A	N/A
Landscape maintenance	fludioxonil	10.83	N/A	N/A	N/A
Landscape maintenance	fluopicolide	0.75	N/A	N/A	N/A
Landscape maintenance	fluopyram	3.44	N/A	N/A	N/A
Landscape maintenance	flupyradifurone	1.0	N/A	N/A	N/A
Landscape maintenance	flurecol-methyl	<0.01	N/A	N/A	N/A
Landscape maintenance	flurprimidol	1.28	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	flutolanil	37.47	N/A	N/A	N/A
Landscape maintenance	tau-fluvalinate	0.24	N/A	N/A	N/A
Landscape maintenance	fluxapyroxad	6.14	N/A	N/A	N/A
Landscape maintenance	foramsulfuron	0.1	N/A	N/A	N/A
Landscape maintenance	fosetyl-al	1.1	N/A	N/A	N/A
Landscape maintenance	fox urine	0.07	N/A	N/A	N/A
Landscape maintenance	free fatty acids and/or amine salts	3.28	N/A	N/A	N/A
Landscape maintenance	glufosinate-ammonium	139.81	N/A	N/A	N/A
Landscape maintenance	glyphosate, isopropylamine salt	524.02	N/A	N/A	N/A
Landscape maintenance	glyphosate, monoammonium salt	0.11	N/A	N/A	N/A
Landscape maintenance	glyphosate, potassium salt	522.38	N/A	N/A	N/A
Landscape maintenance	halosulfuron-methyl	0.02	N/A	N/A	N/A
Landscape maintenance	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	8.41	N/A	N/A	N/A
Landscape maintenance	imazapyr, isopropylamine salt	1.12	N/A	N/A	N/A
Landscape maintenance	imidacloprid	188.41	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	indaziflam	1.13	N/A	N/A	N/A
Landscape maintenance	indoxacarb	0.65	N/A	N/A	N/A
Landscape maintenance	iprodisone	116.27	N/A	N/A	N/A
Landscape maintenance	iron heda	1.09	N/A	N/A	N/A
Landscape maintenance	iron phosphate	19.55	N/A	N/A	N/A
Landscape maintenance	isopropyl alcohol	2.4	N/A	N/A	N/A
Landscape maintenance	isoxaben	62.08	N/A	N/A	N/A
Landscape maintenance	(s)-kinoprene	0.17	N/A	N/A	N/A
Landscape maintenance	lactic acid	3.93	N/A	N/A	N/A
Landscape maintenance	lambda-cyhalothrin	0.1	N/A	N/A	N/A
Landscape maintenance	lecithin	8.72	N/A	N/A	N/A
Landscape maintenance	limonene	94.16	N/A	N/A	N/A
Landscape maintenance	malathion	0.1	N/A	N/A	N/A
Landscape maintenance	mancozeb	67.2	N/A	N/A	N/A
Landscape maintenance	mcpp, dimethylamine salt	<0.01	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	mecoprop-p	3.54	N/A	N/A	N/A
Landscape maintenance	mefenoxam	4.54	N/A	N/A	N/A
Landscape maintenance	mefenoxam, other related	0.04	N/A	N/A	N/A
Landscape maintenance	mefluidide, diethanolamine salt	0.48	N/A	N/A	N/A
Landscape maintenance	mesotrione	0.57	N/A	N/A	N/A
Landscape maintenance	metconazole	4.69	N/A	N/A	N/A
Landscape maintenance	methylated soybean oil	29.66	N/A	N/A	N/A
Landscape maintenance	methyl-2,7-dichloro-9-hydroxyfluorene-9-carboxylate	<0.01	N/A	N/A	N/A
Landscape maintenance	mineral oil	3.17	1	2.0	A
Landscape maintenance	mineral oil	2,037.36	N/A	N/A	N/A
Landscape maintenance	myclobutanil	2.01	N/A	N/A	N/A
Landscape maintenance	naa, ammonium salt	0.67	N/A	N/A	N/A
Landscape maintenance	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	281.5	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	73.73	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	oleic acid, methyl ester	20.96	N/A	N/A	N/A
Landscape maintenance	organosilicone, poly oxyalkylene ether copolymer	88.5	N/A	N/A	N/A
Landscape maintenance	oryzalin	10.24	N/A	N/A	N/A
Landscape maintenance	paclobutrazol	141.18	N/A	N/A	N/A
Landscape maintenance	pendimethalin	74.66	N/A	N/A	N/A
Landscape maintenance	penoxsulam	0.68	N/A	N/A	N/A
Landscape maintenance	permethrin	160.26	N/A	N/A	N/A
Landscape maintenance	permethrin, other related	<0.01	N/A	N/A	N/A
Landscape maintenance	petroleum oil, unclassified	0.22	N/A	N/A	N/A
Landscape maintenance	phosphoric acid	1.55	N/A	N/A	N/A
Landscape maintenance	piperonyl butoxide	9.61	N/A	N/A	N/A
Landscape maintenance	piperonyl butoxide, other related	2.4	N/A	N/A	N/A
Landscape maintenance	polyalkene oxide modified heptamethyl trisiloxane	48.8	N/A	N/A	N/A
Landscape maintenance	polyethoxylated castor oil	0.21	N/A	N/A	N/A
Landscape maintenance	polyethylene glycol stearate	4.61	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	polymerized pinene	7.56	N/A	N/A	N/A
Landscape maintenance	polyoxin d, zinc salt	0.35	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	0.02	N/A	N/A	N/A
Landscape maintenance	polyoxyethylene dioleate	9.68	N/A	N/A	N/A
Landscape maintenance	polyoxyethylene sorbitan monolaurate	56.11	N/A	N/A	N/A
Landscape maintenance	polyoxyethylene sorbitan monooleate	2.76	N/A	N/A	N/A
Landscape maintenance	polysorbate 65	0.28	N/A	N/A	N/A
Landscape maintenance	potash soap	9.34	N/A	N/A	N/A
Landscape maintenance	potassium phosphite	17,239.03	N/A	N/A	N/A
Landscape maintenance	prallethrin	<0.01	N/A	N/A	N/A
Landscape maintenance	prodiamine	530.9	N/A	N/A	N/A
Landscape maintenance	propiconazole	56.87	N/A	N/A	N/A
Landscape maintenance	propylene glycol	47.01	N/A	N/A	N/A
Landscape maintenance	putrescent whole egg solids	0.05	N/A	N/A	N/A
Landscape maintenance	pyraclostrobin	9.47	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	pyraflufen-ethyl	<0.01	N/A	N/A	N/A
Landscape maintenance	pyrethrins	1.2	N/A	N/A	N/A
Landscape maintenance	pyriproxyfen	0.83	N/A	N/A	N/A
Landscape maintenance	quinclorac	<0.01	N/A	N/A	N/A
Landscape maintenance	quinclorac, dimethylamine salt	28.99	N/A	N/A	N/A
Landscape maintenance	rimsulfuron	0.3	N/A	N/A	N/A
Landscape maintenance	silicone defoamer	0.21	N/A	N/A	N/A
Landscape maintenance	sodium xylene sulfonate	2.42	N/A	N/A	N/A
Landscape maintenance	sorbitan trioleate	0.28	N/A	N/A	N/A
Landscape maintenance	soybean oil	0.07	N/A	N/A	N/A
Landscape maintenance	spinosad	2.95	N/A	N/A	N/A
Landscape maintenance	spiromesifen	0.39	N/A	N/A	N/A
Landscape maintenance	sulfur	0.01	N/A	N/A	N/A
Landscape maintenance	tall oil fatty acids	3.01	N/A	N/A	N/A
Landscape maintenance	tebuconazole	15.58	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	9.24	N/A	N/A	N/A
Landscape maintenance	tetrapotassium pyrophosphate	1.21	N/A	N/A	N/A
Landscape maintenance	thiabendazole, hypophosphite salt	12.89	N/A	N/A	N/A
Landscape maintenance	thiophanate-methyl	27.35	N/A	N/A	N/A
Landscape maintenance	topramezone	1.13	N/A	N/A	N/A
Landscape maintenance	triadimefon	23.05	N/A	N/A	N/A
Landscape maintenance	triclopyr, butoxyethyl ester	284.52	N/A	N/A	N/A
Landscape maintenance	triclopyr choline	7.96	N/A	N/A	N/A
Landscape maintenance	triclopyr, triethylamine salt	6.51	N/A	N/A	N/A
Landscape maintenance	triethanolamine	3.09	N/A	N/A	N/A
Landscape maintenance	trifloxystrobin	8.58	N/A	N/A	N/A
Landscape maintenance	trifluralin	0.16	N/A	N/A	N/A
Landscape maintenance	trinexapac-ethyl	101.65	N/A	N/A	N/A
Landscape maintenance	triticonazole	4.22	N/A	N/A	N/A
Landscape maintenance	alpha-undecyl-omega-hydroxypoly(oxyethylene)	7.91	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	warfarin	<0.01	N/A	N/A	N/A
Landscape maintenance	zinc phosphide	<0.01	N/A	N/A	N/A
Lettuce, head	polyoxin d, zinc salt	0.01	1	12.49	A
N-grnhs flower	acetamiprid	0.04	N/A	13.0	U
N-grnhs flower	alkyl (c8,c10) polyglucoside	0.55	N/A	650.0	S
N-grnhs flower	aminopyralid, triisopropanolamine salt	0.02	N/A	650.0	S
N-grnhs flower	azadirachtin	0.01	N/A	4.0	U
N-grnhs flower	azoxystrobin	0.03	N/A	69.0	U
N-grnhs flower	chlorothalonil	0.23	N/A	2.0	U
N-grnhs flower	dinotefuran	0.13	N/A	10.0	U
N-grnhs flower	emamectin benzoate	<0.01	N/A	1.0	U
N-grnhs flower	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	0.4	N/A	11.0	U
N-grnhs flower	imidacloprid	1.55	N/A	121.0	U
N-grnhs flower	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	9.91	N/A	761.0	U
N-grnhs flower	oleic acid, ethyl ester	1.73	N/A	45.0	U
N-grnhs flower	oleic acid, methyl ester	1.42	N/A	3.0	U
N-grnhs flower	organosilicone, poly oxyalkylene ether copolymer	5.04	N/A	761.0	U
N-grnhs flower	paclobutrazol	0.02	N/A	1.0	U
N-grnhs flower	permethrin	3.73	N/A	540.0	U
N-grnhs flower	polyethylene glycol stearate	0.43	N/A	45.0	U
N-grnhs flower	potassium phosphite	509.55	N/A	1,059.0	U
N-grnhs flower	propiconazole	0.02	N/A	27.0	U
N-grnhs flower	propylene glycol	1.68	N/A	761.0	U
N-grnhs flower	triclopyr, butoxyethyl ester	0.19	N/A	2.0	U
N-grnhs flower	triclopyr, triethylamine salt	0.14	N/A	650.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs plants in containers	abamectin	<0.01	2	5,710.0	S
N-grnhs plants in containers	acephate	1.34	3	21,534.0	S
N-grnhs plants in containers	azadirachtin	0.07	4	22,744.0	S
N-grnhs plants in containers	copper sulfate (pentahydrate)	<0.01	1	4.0	C
N-grnhs plants in containers	cyantraniliprole	0.08	2	5,710.0	S
N-grnhs plants in containers	dinotefuran	<0.01	1	4.0	C
N-grnhs plants in containers	dinotefuran	0.08	1	5,600.0	S
N-grnhs plants in containers	mineral oil	8.82	2	14,400.0	S
N-grnhs plants in containers	spinosad	0.01	2	12,600.0	S
N-grnhs plants in containers	spirotetramat	0.05	1	7,000.0	S
N-outdr plants in containers	diquat dibromide	0.22	7	15,000.0	S
N-outdr plants in containers	glyphosate, isopropylamine salt	10.98	15	37,000.0	S
N-outdr plants in containers	imidacloprid	0.04	4	650.0	S
N-outdr plants in containers	pendimethalin	0.05	4	6,700.0	S
Olive	copper hydroxide	112.23	22	121.34	A
Olive	copper oxide (ous)	230.31	10	56.2	A
Olive	copper oxychloride	124.4	22	121.34	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Olive	kaolin	2,401.59	26	142.05	A
Olive	mineral oil	168.66	10	56.2	A
Olive	spinosad	0.02	30	155.49	A
Pastureland	alkyl (c8,c10) polyglucoside	3.2	4	12.0	A
Pastureland	aminopyralid, triisopropanolamine salt	58.06	7	289.0	A
Pastureland	ammonium nitrate	1.53	4	12.0	A
Pastureland	ammonium sulfate	3.05	4	12.0	A
Pastureland	clopyralid, monoethanolamine salt	54.2	10	185.0	A
Pastureland	2,4-d, dimethylamine salt	28.13	4	50.0	A
Pastureland	dimethylpolysiloxane	0.02	8	24.0	A
Pastureland	glyphosate, potassium salt	49.65	4	12.0	A
Pastureland	isopropyl alcohol	0.32	4	12.0	A
Pastureland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	3.69	4	12.0	A
Pastureland	oxyfluorfen	6.02	4	12.0	A
Pastureland	polyethylene glycol	2.02	4	12.0	A
Public health	d-trans allethrin	<0.01	N/A	N/A	N/A
Public health	bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins	236.08	N/A	N/A	N/A
Public health	bacillus thuringiensis, subsp. israelensis, strain am 65-52	666.01	N/A	N/A	N/A
Public health	etofenprox	0.56	N/A	N/A	N/A
Public health	alpha-isooctadecyl-omega-hydroxypoly(oxyethylene)	10.15	N/A	N/A	N/A
Public health	methoprene	40.42	N/A	N/A	N/A
Public health	s-methoprene	34.82	N/A	N/A	N/A
Public health	mineral oil	662.09	N/A	N/A	N/A
Public health	n-octyl bicycloheptene dicarboximide	0.75	N/A	N/A	N/A
Public health	petroleum distillates	24.22	N/A	N/A	N/A
Public health	phenothrin	<0.01	N/A	N/A	N/A
Public health	piperonyl butoxide	32.82	N/A	N/A	N/A
Public health	piperonyl butoxide, other related	7.12	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Public health	pyrethrins	7.52	N/A	N/A	N/A
Public health	silica aerogel	24.53	N/A	N/A	N/A
Public health	spinosad	12.38	N/A	N/A	N/A
Regulatory pest control	bromadiolone	<0.01	N/A	N/A	N/A
Regulatory pest control	disodium octaborate tetrahydrate	22.05	N/A	N/A	N/A
Regulatory pest control	fipronil	0.18	N/A	N/A	N/A
Regulatory pest control	glyphosate, isopropylamine salt	0.21	N/A	N/A	N/A
Regulatory pest control	imazapyr, isopropylamine salt	0.08	N/A	N/A	N/A
Regulatory pest control	oleic acid, ethyl ester	0.15	N/A	N/A	N/A
Regulatory pest control	polyoxyethylene dioleate	0.03	N/A	N/A	N/A
Regulatory pest control	polyoxyethylene sorbitan monooleate	0.01	N/A	N/A	N/A
Rights of way	alcohols, c12-c14, aliphatic	17.19	N/A	N/A	N/A
Rights of way	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	30.14	N/A	N/A	N/A
Rights of way	alkyl (c9-c11) oligomeric d-glucopyranoside	49.12	N/A	N/A	N/A
Rights of way	aminocyclopyrachlor, potassium salt	6.18	N/A	N/A	N/A
Rights of way	aminopyralid, triisopropanolamine salt	78.21	N/A	N/A	N/A
Rights of way	ammonium nitrate	3.89	N/A	N/A	N/A
Rights of way	ammonium sulfate	96.25	N/A	N/A	N/A
Rights of way	benzoic acid	6.23	N/A	N/A	N/A
Rights of way	borax	1,089.9	N/A	N/A	N/A
Rights of way	2-butoxyethanol	44.21	N/A	N/A	N/A
Rights of way	carfentrazone-ethyl	0.18	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	chlorsulfuron	3.47	N/A	N/A	N/A
Rights of way	copper hydroxide	77.67	N/A	N/A	N/A
Rights of way	2,4-d, 2-ethylhexyl ester	3.51	N/A	N/A	N/A
Rights of way	dicamba	0.22	N/A	N/A	N/A
Rights of way	diethylene glycol	<0.01	N/A	N/A	N/A
Rights of way	dimethyl alkyl tertiary amines	6.79	N/A	N/A	N/A
Rights of way	dimethylpolysiloxane	<0.01	N/A	N/A	N/A
Rights of way	diquat dibromide	111.35	N/A	N/A	N/A
Rights of way	disodium octaborate anhydrous	5.44	N/A	N/A	N/A
Rights of way	dithiopyr	114.91	N/A	N/A	N/A
Rights of way	diuron	2.89	N/A	N/A	N/A
Rights of way	fatty acids, mixed	<0.01	N/A	N/A	N/A
Rights of way	glufosinate-ammonium	66.59	N/A	N/A	N/A
Rights of way	glyphosate, dimethylamine salt	1,035.36	N/A	N/A	N/A
Rights of way	glyphosate, isopropylamine salt	199.3	N/A	N/A	N/A
Rights of way	hexylene glycol	44.21	N/A	N/A	N/A
Rights of way	imazapyr, isopropylamine salt	2.47	N/A	N/A	N/A
Rights of way	indaziflam	13.34	N/A	N/A	N/A
Rights of way	isoxaben	171.23	N/A	N/A	N/A
Rights of way	lecithin	15.64	N/A	N/A	N/A
Rights of way	low molecular weight paraffinic oil	11.63	N/A	N/A	N/A
Rights of way	mecoprop-p	0.89	N/A	N/A	N/A
Rights of way	metam-sodium	1,421.34	N/A	N/A	N/A
Rights of way	methylated soybean oil	335.8	N/A	N/A	N/A
Rights of way	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	11.36	N/A	N/A	N/A
Rights of way	oleic acid, ethyl ester	0.01	N/A	N/A	N/A
Rights of way	oleic acid, methyl ester	1.24	N/A	N/A	N/A
Rights of way	polyacrylamide polymer	2.59	N/A	N/A	N/A
Rights of way	polyethylene glycol stearate	<0.01	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	polyoxyethylene polyoxypropylene	<0.01	N/A	N/A	N/A
Rights of way	rimsulfuron	3.92	N/A	N/A	N/A
Rights of way	sodium dioctylsulfosuccinate	<0.01	N/A	N/A	N/A
Rights of way	sodium alpha-olefin (c14-c16) sulfonate	336.47	N/A	N/A	N/A
Rights of way	sulfentrazone	0.1	N/A	N/A	N/A
Rights of way	sulfometuron-methyl	2.01	N/A	N/A	N/A
Rights of way	tebuthiuron	0.96	N/A	N/A	N/A
Rights of way	triclopyr, butoxyethyl ester	43.07	N/A	N/A	N/A
Rights of way	triclopyr choline	1.83	N/A	N/A	N/A
Rights of way	triclopyr, triethylamine salt	32.67	N/A	N/A	N/A
Rights of way	alpha-undecyl-omega-hydroxypoly(oxyethylene)	7.82	N/A	N/A	N/A
Rights of way	vinyl ester polymer	<0.01	N/A	N/A	N/A
Structural pest control	abamectin	0.03	N/A	N/A	N/A
Structural pest control	abamectin, other related	<0.01	N/A	N/A	N/A
Structural pest control	acephate	6.09	N/A	N/A	N/A
Structural pest control	acetamiprid	2.03	N/A	N/A	N/A
Structural pest control	alkyl (50%c14, 40%c12, 10%c16) dimethylbenzyl ammonium chloride	0.34	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	21.08	N/A	N/A	N/A
Structural pest control	d-trans allethrin	0.15	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	ammonium nitrate	0.52	N/A	N/A	N/A
Structural pest control	ammonium sulfate	0.52	N/A	N/A	N/A
Structural pest control	azoxystrobin	0.01	N/A	N/A	N/A
Structural pest control	bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	0.02	N/A	N/A	N/A
Structural pest control	bifenthrin	56.77	N/A	N/A	N/A
Structural pest control	borax	193.54	N/A	N/A	N/A
Structural pest control	boric acid	518.74	N/A	N/A	N/A
Structural pest control	brodifacoum	<0.01	N/A	N/A	N/A
Structural pest control	bromadiolone	0.22	N/A	N/A	N/A
Structural pest control	bromethalin	0.04	N/A	N/A	N/A
Structural pest control	butyl alcohol	412.34	N/A	N/A	N/A
Structural pest control	carfentrazone-ethyl	<0.01	N/A	N/A	N/A
Structural pest control	chlorantraniliprole	19.74	N/A	N/A	N/A
Structural pest control	chlorfenapyr	75.15	N/A	N/A	N/A
Structural pest control	chlorine dioxide	<0.01	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	chlorophacinone	<0.01	N/A	N/A	N/A
Structural pest control	chloropicrin	0.3	N/A	N/A	N/A
Structural pest control	cholecalciferol	0.85	N/A	N/A	N/A
Structural pest control	clothianidin	0.37	N/A	N/A	N/A
Structural pest control	coyote urine	0.03	N/A	N/A	N/A
Structural pest control	cyantraniliprole	<0.01	N/A	N/A	N/A
Structural pest control	cyfluthrin	2.19	N/A	N/A	N/A
Structural pest control	beta-cyfluthrin	93.13	N/A	N/A	N/A
Structural pest control	cypermethrin	10.86	N/A	N/A	N/A
Structural pest control	2,4-d, 2-ethylhexyl ester	0.05	N/A	N/A	N/A
Structural pest control	deltamethrin	35.91	N/A	N/A	N/A
Structural pest control	diatomaceous earth	13.57	N/A	N/A	N/A
Structural pest control	dicamba	<0.01	N/A	N/A	N/A
Structural pest control	didecyl dimethyl ammonium chloride	0.1	N/A	N/A	N/A
Structural pest control	difethialone	0.07	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	dimethylpolysiloxane	4.17	N/A	N/A	N/A
Structural pest control	dinotefuran	38.97	N/A	N/A	N/A
Structural pest control	dioctyl dimethyl ammonium chloride	0.1	N/A	N/A	N/A
Structural pest control	diphacinone	0.29	N/A	N/A	N/A
Structural pest control	diphacinone, sodium salt	0.01	N/A	N/A	N/A
Structural pest control	disodium octaborate tetrahydrate	1,269.81	N/A	N/A	N/A
Structural pest control	dithiopyr	15.99	N/A	N/A	N/A
Structural pest control	emamectin benzoate	<0.01	N/A	N/A	N/A
Structural pest control	esfenvalerate	6.81	N/A	N/A	N/A
Structural pest control	ethephon	0.66	N/A	N/A	N/A
Structural pest control	etofenprox	0.21	N/A	N/A	N/A
Structural pest control	fipronil	135.62	N/A	N/A	N/A
Structural pest control	fox urine	0.01	N/A	N/A	N/A
Structural pest control	gamma-cyhalothrin	0.38	N/A	N/A	N/A
Structural pest control	hexaflumuron	0.02	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	hydramethylnon	0.26	N/A	N/A	N/A
Structural pest control	hydrogen peroxide	0.35	N/A	N/A	N/A
Structural pest control	hydroprene	524.91	N/A	N/A	N/A
Structural pest control	imidacloprid	154.18	N/A	N/A	N/A
Structural pest control	indoxacarb	2.86	N/A	N/A	N/A
Structural pest control	iron phosphate	0.01	N/A	N/A	N/A
Structural pest control	isopropyl alcohol	0.04	N/A	N/A	N/A
Structural pest control	lambda-cyhalothrin	9.42	N/A	N/A	N/A
Structural pest control	limonene	169.3	N/A	N/A	N/A
Structural pest control	mecoprop-p	0.01	N/A	N/A	N/A
Structural pest control	mefenoxam	0.16	N/A	N/A	N/A
Structural pest control	methoprene	0.01	N/A	N/A	N/A
Structural pest control	s-methoprene	0.05	N/A	N/A	N/A
Structural pest control	metofluthrin	0.01	N/A	N/A	N/A
Structural pest control	mineral oil	2.7	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	muscalure	0.01	N/A	N/A	N/A
Structural pest control	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	3,332.0	N/A	N/A	N/A
Structural pest control	novaluron	0.08	N/A	N/A	N/A
Structural pest control	noviflumuron	1.54	N/A	N/A	N/A
Structural pest control	n-octyl bicycloheptene dicarboximide	6.92	N/A	N/A	N/A
Structural pest control	octyl decyl dimethyl ammonium chloride	0.2	N/A	N/A	N/A
Structural pest control	permethrin	8.61	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	petroleum distillates, refined	1.77	N/A	N/A	N/A
Structural pest control	phenothrin	0.67	N/A	N/A	N/A
Structural pest control	phenylethyl propionate	0.43	N/A	N/A	N/A
Structural pest control	piperonyl butoxide	278.22	N/A	N/A	N/A
Structural pest control	piperonyl butoxide, other related	45.69	N/A	N/A	N/A
Structural pest control	polybutenes	<0.01	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	potassium phosphite	953.32	N/A	N/A	N/A
Structural pest control	prallethrin	1.51	N/A	N/A	N/A
Structural pest control	propiconazole	1.16	N/A	N/A	N/A
Structural pest control	pyrethrins	51.18	N/A	N/A	N/A
Structural pest control	pyriproxyfen	2.39	N/A	N/A	N/A
Structural pest control	silica aerogel	18.62	N/A	N/A	N/A
Structural pest control	sodium decyl sulfate	3.33	N/A	N/A	N/A
Structural pest control	sodium lauroampho acetate	2.51	N/A	N/A	N/A
Structural pest control	sodium lauryl sulfate	1.7	N/A	N/A	N/A
Structural pest control	sulfuryl fluoride	13,513.52	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	tetramethrin	0.03	N/A	N/A	N/A
Structural pest control	thiamethoxam	2.99	N/A	N/A	N/A
Structural pest control	thiophanate-methyl	0.28	N/A	N/A	N/A
Structural pest control	thyme oil	<0.01	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	triptolide	<0.01	N/A	N/A	N/A
Structural pest control	4-vinylcyclohexenediepoide	0.02	N/A	N/A	N/A
Structural pest control	warfarin	0.01	N/A	N/A	N/A
Structural pest control	zinc phosphide	0.02	N/A	N/A	N/A
Uncultivated ag	iron phosphate	1.35	7	3.75	A
Uncultivated ag	iron phosphate	0.24	31	24,360.0	S
Vertebrate control	polybutenes	1.92	N/A	N/A	N/A
Water (industrial)	5-chloro-2-methyl-4-isothiazolin-3-one	1.13	N/A	144.0	U
Water (industrial)	copper ethanolamine complexes, mixed	21.02	N/A	5.75	A
Water (industrial)	copper ethylenediamine complex	30.0	N/A	4.5	A
Water (industrial)	copper sulfate (pentahydrate)	4.88	N/A	2.0	A
Water (industrial)	diquat dibromide	107.21	N/A	14.5	A
Water (industrial)	fatty acids, c16-c18 and c18-unsaturated, methyl esters	0.4	N/A	7.0	A
Water (industrial)	glyphosate, isopropylamine salt	5.4	N/A	2.0	A
Water (industrial)	hydrogen peroxide	2,828.96	N/A	10.0	U
Water (industrial)	imazamox, ammonium salt	6.35	N/A	3.5	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Water (industrial)	limonene	2.02	N/A	7.0	A
Water (industrial)	2-methyl-4-isothiazolin-3-one	0.4	N/A	144.0	U
Water (industrial)	peroxyacetic acid	597.82	N/A	10.0	U
Water (industrial)	sodium bromide	0.2	N/A	144.0	U
Water (industrial)	sodium carbonate peroxyhydrate	1,081.2	N/A	115.5	A
Water (industrial)	sodium hypochlorite	43.09	N/A	146.0	U
Water (industrial)	alpha-undecyl-omega-hydroxypoly(oxyethylene)	0.27	N/A	7.0	A
Water area	copper ethanolamine complexes, mixed	2.76	N/A	0.25	A
Water area	copper ethanolamine complexes, mixed	17,728.03	N/A	865,468.1	K
Water area	diquat dibromide	447.5	N/A	60.0	A
Water area	endothall, mono [n,n-dimethyl alkylamine] salt	0.34	N/A	0.01	A
Water area	fluridone	0.1	N/A	0.25	A
Water area	imazapyr, isopropylamine salt	0.03	N/A	2,250.0	S
Water area	lecithin	1.63	N/A	2,250.0	S
Water area	methylated soybean oil	0.82	N/A	2,250.0	S
Water area	alpha-undecyl-omega-hydroxypoly(oxyethylene)	0.82	N/A	2,250.0	S
Water systems - human potable/drinking	sodium hypochlorite	7.69	N/A	3.0	U