

2018 Annual Statewide Pesticide Use Report Indexed by Commodity MENDOCINO 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
Alfalfa	clethodim	7.26	1	60.0	A
Alfalfa	glyphosate, potassium salt	22.07	1	60.0	A
Alfalfa	pendimethalin	113.64	1	60.0	A
Alfalfa	saflufenacil	2.67	1	60.0	A
Animal premise	alkyl (50% ^c 14, 40% ^c 12, 10% ^c 16) dimethylbenzyl ammonium chloride	0.04	N/A	9,000.0	S
Animal premise	didecyl dimethyl ammonium chloride	0.02	N/A	9,000.0	S
Animal premise	glutaraldehyde	0.03	N/A	9,000.0	S
Apple	copper hydroxide	1.07	2	2.0	A
Apple	copper oxide (ous)	27.04	2	8.0	A
Apple	copper oxychloride	1.19	2	2.0	A
Apple	lime-sulfur	1,355.3	26	138.0	A
Apple	mineral oil	106.08	6	28.5	A
Apple	sulfur	247.2	7	45.0	A
Forest, timberland	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	74.78	27	1,173.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Forest, timberland	alpha-alkyl (c9-c16)-omega-hydroxypoly(oxyethylene)	32.1	7	196.0	A
Forest, timberland	allyloxypolyethylene glycol acetate	9.44	3	1,037.0	A
Forest, timberland	ammonium nitrate	9.65	27	1,173.0	A
Forest, timberland	ammonium sulfate	238.82	27	1,173.0	A
Forest, timberland	atrazine	205.13	2	145.0	A
Forest, timberland	atrazine, other related	3.89	2	145.0	A
Forest, timberland	benzoic acid	<0.01	1	3.0	A
Forest, timberland	clopyralid, monoethanolamine salt	62.76	4	150.0	A
Forest, timberland	diethylene glycol	58.36	55	1,908.0	A
Forest, timberland	dimethyl alkyl tertiary amines	<0.01	1	3.0	A
Forest, timberland	dimethylpolysiloxane	1.3	55	1,908.0	A
Forest, timberland	fatty acids, mixed	103.94	55	1,908.0	A
Forest, timberland	glyphosate, dimethylamine salt	416.04	2	903.0	A
Forest, timberland	glyphosate, isopropylamine salt	5,689.87	143	6,428.0	A
Forest, timberland	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	32.6	3	1,037.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Forest, timberland	imazapyr, isopropylamine salt	5,517.41	239	8,454.0	A
Forest, timberland	lecithin	32.1	7	196.0	A
Forest, timberland	methylated soybean oil	5,935.67	100	4,683.0	A
Forest, timberland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	1,208.08	154	6,588.0	A
Forest, timberland	oleic acid, ethyl ester	4.93	1	3.0	A
Forest, timberland	oleic acid, methyl ester	311.03	11	1,243.0	A
Forest, timberland	polyalkene oxide modified heptamethyl trisiloxane	1.82	1	300.0	A
Forest, timberland	polyethylene glycol diacetate	0.86	3	1,037.0	A
Forest, timberland	polyethylene glycol stearate	1.23	1	3.0	A
Forest, timberland	tall oil fatty acids	6.97	1	10.0	A
Forest, timberland	triclopyr, butoxyethyl ester	4,362.97	59	2,057.5	A
Forest, timberland	triclopyr, triethylamine salt	4,192.08	72	3,680.0	A
Forest, timberland	alpha-undecyl-omega-hydroxypoly(oxyethylene)	159.03	56	1,918.0	A
Forest, timberland	(s)-verbenone	0.08	1	0.5	A
Fumigation, other	sulfur dioxide	2,550.32	N/A	N/A	N/A
Golf course turf	azoxystrobin	0.62	N/A	1.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Golf course turf	azoxystrobin	3.06	N/A	384,000.0	S
Golf course turf	carbaryl	21.04	N/A	2.0	A
Golf course turf	carfentrazone-ethyl	0.09	N/A	30,000.0	S
Golf course turf	chlorantraniliprole	0.3	N/A	150,000.0	S
Golf course turf	chlorothalonil	0.74	N/A	5,000.0	S
Golf course turf	clopyralid, monoethanolamine salt	0.32	N/A	105,000.0	S
Golf course turf	clothianidin	0.08	N/A	75,000.0	S
Golf course turf	oxadiazon	0.24	N/A	4,000.0	S
Golf course turf	pcnb	1.43	N/A	5,000.0	S
Golf course turf	propiconazole	7.22	N/A	379,000.0	S
Grape, wine	abamectin	82.72	109	2,691.14	A
Grape, wine	alpha-alkylaryl-omega-hydroxypoly(oxyethylene)	16.33	2	152.0	A
Grape, wine	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	1,334.72	503	8,906.5	A
Grape, wine	alpha-alkyl (c9-c16)-omega-hydroxypoly(oxyethylene)	12.14	2	75.59	A
Grape, wine	alpha-pinene beta-pinene copolymer	35.75	16	182.62	A
Grape, wine	alkyl (c8,c10) polyglucoside	320.18	63	932.63	A
Grape, wine	allyloxypolyethylene glycol acetate	54.5	107	1,188.49	A
Grape, wine	aluminum sulfate	1,083.68	44	541.84	A
Grape, wine	ammonium nitrate	175.47	212	2,115.77	A
Grape, wine	ammonium propionate	53.47	48	273.03	A
Grape, wine	ammonium sulfate	922.42	269	2,494.44	A
Grape, wine	ammonium sulfate	0.52	2	11,340.0	S
Grape, wine	azadirachtin	1.44	4	46.0	A
Grape, wine	azoxystrobin	353.18	96	1,692.49	A
Grape, wine	bacillus amyloliquefaciens strain d747	24.75	1	24.75	A
Grape, wine	bacillus pumilus, strain qst 2808	90.15	38	789.66	A
Grape, wine	bacillus amyloliquefaciens strain mbi 600	1.38	1	25.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	benzoic acid	3.96	105	764.0	A
Grape, wine	bifenazate	263.91	33	713.29	A
Grape, wine	n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	<0.01	2	1.78	A
Grape, wine	boscalid	1,801.63	253	5,247.83	A
Grape, wine	buprofezin	2.19	1	5.0	A
Grape, wine	burkholderia sp strain a396 cells and fermentation media	235.86	3	43.0	A
Grape, wine	butyl alcohol	60.36	30	1,382.01	A
Grape, wine	butyl lactate	0.45	2	8.12	A
Grape, wine	capric acid	157.98	8	81.9	A
Grape, wine	capric acid	1.01	2	4,860.0	S
Grape, wine	caprylic acid	232.03	8	81.9	A
Grape, wine	caprylic acid	1.48	2	4,860.0	S
Grape, wine	captan	97.8	2	4.0	A
Grape, wine	captan, other related	2.2	2	4.0	A
Grape, wine	carbo methoxy ether cellulose, sodium salt	2.64	26	877.96	A
Grape, wine	carfentrazone-ethyl	2.09	5	126.68	A
Grape, wine	citric acid	27.32	53	319.17	A
Grape, wine	citric acid	0.01	2	11,340.0	S
Grape, wine	coconut oil soap	3.34	1	11.0	A
Grape, wine	copper ethanolamine complexes, mixed	8.44	1	55.0	A
Grape, wine	copper hydroxide	2,718.77	342	7,139.08	A
Grape, wine	copper oxide (ous)	809.01	51	916.0	A
Grape, wine	copper oxychloride	3,141.13	295	6,260.0	A
Grape, wine	copper sulfate (basic)	307.29	24	725.23	A
Grape, wine	copper sulfate (pentahydrate)	49.5	1	55.0	A
Grape, wine	cyflufenamid	88.37	191	3,747.88	A
Grape, wine	cyflumetofen	279.47	62	1,510.77	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	cyprodinil	827.87	228	4,137.38	A
Grape, wine	2,4-d, dimethylamine salt	0.57	1	17.0	A
Grape, wine	decyl phenoxy benzene disulfonic acid, disodium salt	0.03	2	11,340.0	S
Grape, wine	dicamba	0.06	1	17.0	A
Grape, wine	diethylene glycol	5.97	8	129.0	A
Grape, wine	difenoconazole	322.34	249	4,380.35	A
Grape, wine	dimethyl alkyl tertiary amines	4.32	105	764.0	A
Grape, wine	3,7-dimethyl-6-octen-1-ol	11.76	22	687.86	A
Grape, wine	dimethylpolysiloxane	112.75	344	4,721.55	A
Grape, wine	dimethyl silicone fluid emulsion	0.16	2	24.5	A
Grape, wine	disodium octaborate tetrahydrate	48.98	4	39.19	A
Grape, wine	alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	2.35	19	211.34	A
Grape, wine	edta	0.02	1	11.0	A
Grape, wine	etoxazole	30.33	14	225.02	A
Grape, wine	farnesol	4.71	22	687.86	A
Grape, wine	fatty acids, methyl esters	129.83	17	126.37	A
Grape, wine	fatty acids, mixed	38.55	68	1,104.28	A
Grape, wine	fenhexamid	809.77	92	1,628.14	A
Grape, wine	fenpyroximate	5.27	5	49.0	A
Grape, wine	flazasulfuron	17.1	72	448.82	A
Grape, wine	fludioxonil	32.38	26	148.03	A
Grape, wine	flumioxazin	395.44	179	1,774.72	A
Grape, wine	flumioxazin	0.02	1	1,620.0	S
Grape, wine	fluopyram	327.52	158	3,054.8	A
Grape, wine	flutriafol	142.36	52	1,730.7	A
Grape, wine	fluxapyroxad	21.63	5	263.37	A
Grape, wine	forchlorfenuron	0.03	2	8.12	A
Grape, wine	garlic	0.89	4	21.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	geraniol	11.76	22	687.86	A
Grape, wine	glufosinate-ammonium	2,341.32	172	3,167.66	A
Grape, wine	glufosinate-ammonium	0.09	2	3,240.0	S
Grape, wine	glycerol	3.18	5	46.14	A
Grape, wine	glyphosate, isopropylamine salt	1,623.68	87	1,424.68	A
Grape, wine	glyphosate, potassium salt	12,963.05	581	6,937.44	A
Grape, wine	glyphosate, potassium salt	0.34	2	8,100.0	S
Grape, wine	heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	1.53	30	180.18	A
Grape, wine	hexythiazox	9.58	1	50.0	A
Grape, wine	hydrogen peroxide	11.53	1	37.0	A
Grape, wine	hydrotreated paraffinic solvent	72.1	148	2,387.13	A
Grape, wine	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	1,149.66	374	4,777.72	A
Grape, wine	imidacloprid	583.56	165	4,112.04	A
Grape, wine	indaziflam	78.13	183	1,685.64	A
Grape, wine	isopropyl alcohol	<0.01	1	4,860.0	S
Grape, wine	isoxaben	45.18	12	78.98	A
Grape, wine	kaolin	3,980.07	10	199.15	A
Grape, wine	kresoxim-methyl	67.07	22	518.83	A
Grape, wine	lanolin	0.1	1	11.0	A
Grape, wine	lecithin	1,401.66	277	2,733.05	A
Grape, wine	lignin sulfonic acid, magnesium salt	34.86	1	45.0	A
Grape, wine	lime-sulfur	3,252.34	9	156.54	A
Grape, wine	mancozeb	85.76	4	76.2	A
Grape, wine	margosa oil	0.92	1	3.0	A
Grape, wine	methoxyfenozide	30.2	4	107.0	A
Grape, wine	methyl anthranilate	0.5	3	3.0	A
Grape, wine	methylated soybean oil	1,111.36	356	2,950.14	A
Grape, wine	methyl silicone resins	8.94	5	311.9	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	metrafenone	893.95	176	3,193.95	A
Grape, wine	mineral oil	35,805.58	275	5,263.3	A
Grape, wine	modified phthalic glycerol alkyd resin	45.62	10	405.3	A
Grape, wine	myclobutanil	572.72	158	5,507.64	A
Grape, wine	myrothecium verrucaria, dried fermentation solids & solubles, strain aarc-0255	180.0	1	20.0	A
Grape, wine	nerolidol	11.76	22	687.86	A
Grape, wine	4-nonylphenol, formaldehyde resin, propoxylated	216.31	148	2,387.13	A
Grape, wine	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	922.48	321	6,071.93	A
Grape, wine	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	0.02	1	4,860.0	S
Grape, wine	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	3.5	3	44.58	A
Grape, wine	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	473.02	262	1,625.59	A
Grape, wine	oleic acid, ethyl ester	21.22	3	110.0	A
Grape, wine	oleic acid, methyl ester	809.07	113	1,323.58	A
Grape, wine	oryzalin	10.53	2	9.99	A
Grape, wine	oxyfluorfen	839.09	117	4,301.98	A
Grape, wine	paecilomyces fumosoroseus apopka strain 97	38.0	5	95.0	A
Grape, wine	paraquat dichloride	60.33	6	99.3	A
Grape, wine	pendimethalin	546.47	27	227.1	A
Grape, wine	peroxyacetic acid	0.85	1	37.0	A
Grape, wine	petroleum distillates, refined	36,135.96	229	4,027.22	A
Grape, wine	petroleum oil, paraffin based	129.72	8	168.55	A
Grape, wine	petroleum oil, unclassified	1,341.99	2	256.19	A
Grape, wine	phosphoric acid	0.99	5	46.14	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	phosphoric acid	0.01	1	4,860.0	S
Grape, wine	polyacrylamide polymer	0.32	5	46.14	A
Grape, wine	polyalkene oxide modified heptamethyl trisiloxane	4.82	12	202.66	A
Grape, wine	polyalkyleneoxide modified polydimethyl-siloxane	41.02	19	195.25	A
Grape, wine	polyether modified polysiloxane	4,299.14	401	10,136.29	A
Grape, wine	polyethylene glycol	2.19	30	180.18	A
Grape, wine	polyethylene glycol diacetate	4.95	107	1,188.49	A
Grape, wine	polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	37.37	7	140.7	A
Grape, wine	polyethylene glycol stearate	5.31	3	110.0	A
Grape, wine	polymerized acrylic acid	0.74	1	8.0	A
Grape, wine	polymerized pinene	7.94	5	30.5	A
Grape, wine	polyoxin d, zinc salt	17.88	52	482.89	A
Grape, wine	poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	1.67	2	106.9	A
Grape, wine	polyoxyethylene sorbitol, mixed ether ester	26.57	8	168.55	A
Grape, wine	polyoxyethylene sorbitan monolaurate	4.0	2	8.12	A
Grape, wine	polypropylene glycol	0.18	3	205.0	A
Grape, wine	potassium bicarbonate	2,512.98	69	969.24	A
Grape, wine	potassium phosphite	311.22	3	106.21	A
Grape, wine	propionic acid	441.27	57	924.08	A
Grape, wine	propylene glycol	10.62	12	202.66	A
Grape, wine	pseudomonas fluorescens, strain a506	0.43	4	1.84	A
Grape, wine	pyraclostrobin	936.74	258	5,511.2	A
Grape, wine	pyraflufen-ethyl	0.96	30	391.75	A
Grape, wine	pyrethrins	65.5	55	1,635.68	A
Grape, wine	pyrimethanil	345.98	68	1,035.28	A
Grape, wine	pyriofenone	14.85	7	152.2	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	qst 713 strain of dried bacillus subtilis	521.65	91	1,615.28	A
Grape, wine	quillaja	5.41	26	877.96	A
Grape, wine	quinclorac	0.35	1	17.0	A
Grape, wine	quinoxifen	455.65	242	4,730.38	A
Grape, wine	reynoutria sachalinensis	104.5	54	782.78	A
Grape, wine	rimsulfuron	49.18	118	1,457.41	A
Grape, wine	sethoxydim	39.44	11	143.86	A
Grape, wine	silica filled polydimethylsiloxane	0.77	7	130.08	A
Grape, wine	sodium hydroxide	1.74	5	46.14	A
Grape, wine	sodium hypochlorite	0.26	2	12.0	A
Grape, wine	sodium polyacrylate	1.3	47	265.03	A
Grape, wine	spinosad	1.58	1	7.0	A
Grape, wine	spirotetramat	216.17	90	1,899.36	A
Grape, wine	styrene butadiene copolymer	14.35	12	202.66	A
Grape, wine	sulfur	447,008.67	3,389	63,960.49	A
Grape, wine	tall oil	33.28	148	2,387.13	A
Grape, wine	tall oil fatty acids	4.0	36	241.46	A
Grape, wine	tebuconazole	315.43	154	2,935.87	A
Grape, wine	tetraconazole	16.75	47	425.64	A
Grape, wine	thiamethoxam	1.06	1	13.55	A
Grape, wine	thiophanate-methyl	288.9	25	387.89	A
Grape, wine	trifloxystrobin	188.64	97	2,076.19	A
Grape, wine	triflumizole	716.55	141	3,382.62	A
Grape, wine	alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	6.6	12	202.66	A
Grape, wine	alpha-undecyl-omega-hydroxypoly(oxyethylene)	56.69	16	569.32	A
Grape, wine	yucca schidigera	2.67	4	21.0	A
Grape, wine	ziram	2,227.71	20	716.8	A
Industrial hemp	azadirachtin	0.1	7	22,700.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Industrial hemp	bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	0.34	1	10,000.0	S
Industrial hemp	bacillus thuringiensis (berliner), subsp. kurstaki strain sa-12	0.65	1	2,500.0	S
Industrial hemp	beauveria bassiana strain gha	1.63	12	24,700.0	S
Industrial hemp	beauveria bassiana strain gha	1.19	5	468.0	U
Industrial hemp	borax	<0.01	2	100.0	S
Industrial hemp	burkholderia sp strain a396 cells and fermentation media	0.66	3	12,000.0	S
Industrial hemp	chromobacterium subtsugae strain praa4-1	1.78	6	27,200.0	S
Industrial hemp	clarified hydrophobic extract of neem oil	4.8	7	20,140.0	S
Industrial hemp	hydrogen peroxide	1.36	3	6,100.0	S
Industrial hemp	mineral oil	0.88	3	1,100.0	S
Industrial hemp	peroxyacetic acid	0.1	3	6,100.0	S
Industrial hemp	potash soap	2.98	6	3,600.0	S
Industrial hemp	reynoutria sachalinensis	0.44	9	24,400.0	S
Industrial hemp	streptomyces lydicus wyec 108	<0.01	3	30,000.0	S
Industrial hemp	sulfur	6.2	6	24,800.0	S
Landscape maintenance	alpha-pinene beta-pinene copolymer	0.34	N/A	N/A	N/A
Landscape maintenance	alkyl (c8,c10) polyglucoside	6.18	N/A	N/A	N/A
Landscape maintenance	aminopyralid, triisopropanolamine salt	0.38	N/A	N/A	N/A
Landscape maintenance	ammonium nitrate	2.17	N/A	N/A	N/A
Landscape maintenance	ammonium sulfate	4.34	N/A	N/A	N/A
Landscape maintenance	azadirachtin	0.1	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	0.01	N/A	N/A	N/A
Landscape maintenance	carfentrazone-ethyl	0.11	N/A	N/A	N/A
Landscape maintenance	2,4-d, dimethylamine salt	0.42	N/A	N/A	N/A
Landscape maintenance	2,4-d, 2-ethylhexyl ester	2.66	N/A	N/A	N/A
Landscape maintenance	dicamba	0.17	N/A	N/A	N/A
Landscape maintenance	dicamba, dimethylamine salt	0.05	N/A	N/A	N/A
Landscape maintenance	diethylene glycol	0.34	N/A	N/A	N/A
Landscape maintenance	dikegulac sodium	0.91	N/A	N/A	N/A
Landscape maintenance	dimethylpolysiloxane	0.01	N/A	N/A	N/A
Landscape maintenance	diquat dibromide	1.4	N/A	N/A	N/A
Landscape maintenance	dithiopyr	9.6	N/A	N/A	N/A
Landscape maintenance	fatty acids, mixed	0.6	N/A	N/A	N/A
Landscape maintenance	glyphosate, isopropylamine salt	241.0	N/A	N/A	N/A
Landscape maintenance	glyphosate, monoammonium salt	1.19	N/A	N/A	N/A
Landscape maintenance	glyphosate, potassium salt	110.28	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	imazapyr, isopropylamine salt	6.42	N/A	N/A	N/A
Landscape maintenance	imidacloprid	0.05	N/A	N/A	N/A
Landscape maintenance	iron phosphate	0.03	1	300.0	S
Landscape maintenance	iron phosphate	18.0	N/A	N/A	N/A
Landscape maintenance	isoxaben	8.3	N/A	N/A	N/A
Landscape maintenance	mcpa, dimethylamine salt	0.09	N/A	N/A	N/A
Landscape maintenance	mecoprop-p	0.63	N/A	N/A	N/A
Landscape maintenance	mineral oil	0.12	N/A	N/A	N/A
Landscape maintenance	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	0.88	N/A	N/A	N/A
Landscape maintenance	oryzalin	0.98	N/A	N/A	N/A
Landscape maintenance	oxadiazon	10.22	N/A	N/A	N/A
Landscape maintenance	quinclorac	0.2	N/A	N/A	N/A
Landscape maintenance	simazine	5.63	N/A	N/A	N/A
Landscape maintenance	sulfentrazone	0.01	N/A	N/A	N/A
Landscape maintenance	tall oil fatty acids	<0.01	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	triclopyr, butoxyethyl ester	9.05	N/A	N/A	N/A
Landscape maintenance	triclopyr, triethylamine salt	3.36	N/A	N/A	N/A
Landscape maintenance	trifluralin	7.68	N/A	N/A	N/A
Landscape maintenance	alpha-undecyl-omega-hydroxypoly(oxyethylene)	0.88	N/A	N/A	N/A
Lumber, treated	5-chloro-2-methyl-4-isothiazolin-3-one	5,148.49	N/A	8,262.96	K
Lumber, treated	copper	2,013.51	N/A	1,199,469.0	U
Lumber, treated	copper ammonium carbonate	14,032.63	N/A	1,199,469.0	U
Lumber, treated	copper ethanolamine complexes, mixed	1,392,916.27	N/A	8,262.95	K
Lumber, treated	didecyl dimethyl ammonium bicarbonate	2,807.76	N/A	1,199,469.0	U
Lumber, treated	didecyl dimethyl ammonium carbonate	2,807.76	N/A	1,199,469.0	U
Lumber, treated	diiodomethyl p-tolyl sulfone	588.72	N/A	6,463.1	K
Lumber, treated	3-iodo-2-propynyl butylcarbamate	2,158.66	N/A	6,463.1	K
Lumber, treated	2-methyl-4-isothiazolin-3-one	1,831.67	N/A	8,262.96	K
Lumber, treated	octhilinone	29,189.0	N/A	8,262.96	K
Lumber, treated	propiconazole	12,059.67	N/A	14,726.05	K
Lumber, treated	tebuconazole	9,901.01	N/A	8,262.95	K
N-grnhs plants in containers	abamectin	<0.01	1	17,000.0	S
N-grnhs plants in containers	acetamiprid	0.13	2	17,500.0	S
N-grnhs plants in containers	chlormequat chloride	0.13	23	4,850.0	S
N-grnhs plants in containers	daminozide	1.98	47	18,200.0	S
N-grnhs plants in containers	dinotefuran	0.37	3	51,000.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs plants in containers	fludioxonil	0.06	1	17,000.0	S
N-grnhs plants in containers	imidacloprid	0.03	4	1,350.0	S
N-grnhs plants in containers	kresoxim-methyl	0.88	N/A	7.3	A
N-grnhs plants in containers	mefenoxam	0.25	25	10,900.0	S
N-grnhs plants in containers	metaldehyde	0.02	52	644.28	S
N-grnhs plants in containers	potash soap	0.23	51	360.5	S
N-grnhs plants in containers	spinosad	0.43	5	85,000.0	S
N-grnhs plants in containers	sulfur	58.8	N/A	7.3	A
N-grnhs plants in containers	trifloxystrobin	0.09	1	17,000.0	S
N-outdr plants in containers	bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	0.02	1	20.0	S
N-outdr plants in containers	clarified hydrophobic extract of neem oil	0.66	9	1,275.0	S
N-outdr plants in containers	clarified hydrophobic extract of neem oil	0.04	1	300.0	U
N-outdr plants in containers	iba	<0.01	30	3,273.0	U
N-outdr plants in containers	metaldehyde	0.08	105	2,702.16	S
N-outdr plants in containers	potash soap	<0.01	1	250.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Olive	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	0.15	1	2.0	A
Olive	ammonium nitrate	0.02	1	2.0	A
Olive	ammonium sulfate	0.48	1	2.0	A
Olive	copper hydroxide	0.96	2	3.0	A
Olive	copper oxychloride	1.06	2	3.0	A
Olive	flumioxazin	1.15	1	3.0	A
Olive	glyphosate, isopropylamine salt	6.0	1	3.0	A
Olive	glyphosate, potassium salt	0.88	1	2.0	A
Olive	mineral oil	10.43	1	1.5	A
Olive	pyraflufen-ethyl	0.01	1	3.0	A
Olive	spinosad	0.01	2	7.0	A
Pastureland	2,4-d, dimethylamine salt	27.8	2	46.0	A
Pastureland	glyphosate, potassium salt	0.26	1	1.0	A
Peach	boscalid	0.22	2	2.0	A
Peach	copper hydroxide	2.15	2	4.0	A
Peach	copper oxide (ous)	20.98	2	4.0	A
Peach	copper oxychloride	2.38	2	4.0	A
Peach	pyraclostrobin	0.11	2	2.0	A
Peach	sulfur	24.0	2	4.0	A
Peach	thiophanate-methyl	0.18	1	1.0	A
Peach	ziram	1.14	1	1.0	A
Pear	abamectin	27.03	29	1,066.0	A
Pear	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	36.97	10	251.0	A
Pear	alkyl (c8,c10) polyglucoside	58.29	7	256.05	A
Pear	ammonium nitrate	27.76	7	256.05	A
Pear	ammonium propionate	4.26	2	24.0	A
Pear	ammonium sulfate	56.58	9	280.05	A
Pear	bifenazate	61.0	2	159.5	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pear	chlorantraniliprole	63.97	22	701.5	A
Pear	citric acid	2.13	2	24.0	A
Pear	codling moth granulosis virus	<0.01	6	61.0	A
Pear	copper hydroxide	285.96	12	326.0	A
Pear	copper oxychloride	594.99	17	468.0	A
Pear	copper sulfate (basic)	52.61	7	170.0	A
Pear	cyflumetofen	90.2	14	494.5	A
Pear	cyprodinil	100.77	48	1,775.5	A
Pear	2,4-d, dimethylamine salt	16.72	1	12.0	A
Pear	2,4-decadienoic acid, ethyl ester, (2e,4z)-	0.13	1	38.0	A
Pear	difenoconazole	17.77	40	1,587.0	A
Pear	diflubenzuron	22.64	6	179.0	A
Pear	dimethylpolysiloxane	0.53	8	291.05	A
Pear	e,e-8,10-dodecadien-1-ol	47.84	12	509.0	A
Pear	z-8-dodecenol	0.41	13	542.0	A
Pear	e-8-dodecenyl acetate	2.37	13	542.0	A
Pear	z-8-dodecenyl acetate	36.15	13	542.0	A
Pear	dodine	775.53	14	612.0	A
Pear	esfenvalerate	54.26	20	887.5	A
Pear	etoxazole	12.28	3	91.0	A
Pear	fatty acids, mixed	1.71	8	114.75	A
Pear	flonicamid	5.18	1	69.0	A
Pear	flumioxazin	13.8	4	116.5	A
Pear	fluopyram	3.38	2	36.0	A
Pear	glufosinate-ammonium	1.35	1	15.0	A
Pear	glyphosate, isopropylamine salt	499.38	15	402.1	A
Pear	glyphosate, potassium salt	771.02	19	410.75	A
Pear	hydrotreated paraffinic solvent	20.76	7	188.0	A
Pear	imidacloprid	1.57	1	26.0	A
Pear	indaziflam	13.52	11	205.3	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pear	kasugamycin hydrochloride	34.54	9	357.0	A
Pear	kresoxim-methyl	30.0	1	150.0	A
Pear	lambda-cyhalothrin	3.15	1	100.0	A
Pear	lauryl alcohol	14.64	10	321.0	A
Pear	lecithin	51.44	9	149.75	A
Pear	lime-sulfur	15,327.33	19	428.0	A
Pear	mancozeb	14,136.75	98	3,549.5	A
Pear	methoxyfenozide	101.37	10	376.0	A
Pear	methylated soybean oil	5.78	1	35.0	A
Pear	mineral oil	75,954.04	71	2,833.5	A
Pear	modified phthalic glycerol alkyd resin	309.42	27	1,037.0	A
Pear	myristyl alcohol	2.97	10	321.0	A
Pear	naa, ammonium salt	42.45	11	497.5	A
Pear	naa, potassium salt	72.27	22	670.5	A
Pear	4-nonylphenol, formaldehyde resin, propoxylated	62.28	7	188.0	A
Pear	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	77.77	15	302.75	A
Pear	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	8.87	3	59.0	A
Pear	oxyfluorfen	28.31	5	134.25	A
Pear	oxytetracycline, calcium complex	209.7	55	1,759.0	A
Pear	oxytetracycline hydrochloride	483.58	63	3,169.0	A
Pear	oxytetracycline hydrochloride, other related	4.49	63	3,169.0	A
Pear	penthiopyrad	30.18	4	111.0	A
Pear	polyalkyleneoxide modified polydimethyl-siloxane	19.64	3	75.0	A
Pear	polyether modified polysiloxane	249.93	33	1,550.0	A
Pear	propionic acid	39.88	8	114.75	A
Pear	pyrimethanil	30.3	11	300.5	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pear	rimsulfuron	9.31	8	167.05	A
Pear	sodium polyacrylate	0.11	2	24.0	A
Pear	spinetoram	78.86	19	751.5	A
Pear	spinosad	1.87	2	30.5	A
Pear	streptomycin sulfate	669.15	141	5,928.5	A
Pear	sulfur	9,082.8	30	1,043.5	A
Pear	tall oil	9.58	7	188.0	A
Pear	trifloxystrobin	3.38	2	36.0	A
Pear	triflumizole	370.85	18	911.0	A
Pear	ziram	6,533.91	44	1,661.5	A
Rangeland	clopyralid, monoethanolamine salt	1.64	5	1.2	A
Rangeland	fatty acids, mixed	0.02	4	1.0	A
Rangeland	glyphosate, isopropylamine salt	6.36	2	7.5	A
Rangeland	glyphosate, potassium salt	5.81	13	4.8	A
Rangeland	lecithin	0.38	4	1.0	A
Rangeland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	0.14	7	1.6	A
Rangeland	oryzalin	1.17	3	0.6	A
Rangeland	petroleum distillates	0.14	3	0.6	A
Rangeland	propionic acid	0.38	4	1.0	A
Rangeland	triclopyr, triethylamine salt	0.8	1	0.3	A
Regulatory pest control	dimethylpolysiloxane	15.92	N/A	N/A	N/A
Regulatory pest control	sulfur	560.0	N/A	N/A	N/A
Rights of way	alkyl (c8,c10) polyglucoside	1.32	1	5.0	A
Rights of way	alkyl (c8,c10) polyglucoside	11.48	N/A	N/A	N/A
Rights of way	allyloxypolyethylene glycol acetate	0.01	1	6.0	A
Rights of way	allyloxypolyethylene glycol acetate	11.83	N/A	N/A	N/A
Rights of way	aminocyclopyrachlor, potassium salt	1.61	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	aminopyralid, triisopropanolamine salt	15.63	N/A	N/A	N/A
Rights of way	ammonium nitrate	0.63	1	5.0	A
Rights of way	ammonium nitrate	5.47	N/A	N/A	N/A
Rights of way	ammonium sulfate	1.26	1	5.0	A
Rights of way	ammonium sulfate	10.93	N/A	N/A	N/A
Rights of way	benzoic acid	0.37	N/A	N/A	N/A
Rights of way	borax	164.3	N/A	N/A	N/A
Rights of way	bromacil	5.0	N/A	N/A	N/A
Rights of way	calcium chloride	0.1	N/A	N/A	N/A
Rights of way	chlorsulfuron	0.76	N/A	N/A	N/A
Rights of way	citric acid	0.29	N/A	N/A	N/A
Rights of way	clopyralid, monoethanolamine salt	1.61	N/A	N/A	N/A
Rights of way	copper ethylenediamine complex	402.44	N/A	N/A	N/A
Rights of way	copper hydroxide	11.71	N/A	N/A	N/A
Rights of way	copper triethanolamine complex	454.27	N/A	N/A	N/A
Rights of way	diethylene glycol	1.45	N/A	N/A	N/A
Rights of way	dimethyl alkyl tertiary amines	0.4	N/A	N/A	N/A
Rights of way	dimethylpolysiloxane	<0.01	1	5.0	A
Rights of way	dimethylpolysiloxane	0.04	N/A	N/A	N/A
Rights of way	diuron	5.0	N/A	N/A	N/A
Rights of way	fatty acids, mixed	2.58	N/A	N/A	N/A
Rights of way	flumioxazin	0.19	1	0.5	A
Rights of way	foramsulfuron	0.02	N/A	N/A	N/A
Rights of way	glufosinate-ammonium	6.18	N/A	N/A	N/A
Rights of way	glyphosate, dimethylamine salt	11.2	5	11.6	A
Rights of way	glyphosate, dimethylamine salt	604.63	N/A	N/A	N/A
Rights of way	glyphosate, isopropylamine salt	10.99	2	5.5	A
Rights of way	glyphosate, isopropylamine salt	193.85	N/A	N/A	N/A
Rights of way	glyphosate, potassium salt	2.59	1	2.0	A
Rights of way	glyphosate, potassium salt	73.85	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	0.02	1	6.0	A
Rights of way	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	40.85	N/A	N/A	N/A
Rights of way	imazapyr, isopropylamine salt	216.04	N/A	N/A	N/A
Rights of way	indaziflam	0.25	1	5.0	A
Rights of way	indaziflam	67.16	N/A	N/A	N/A
Rights of way	iodosulfuron-methyl-sodium	<0.01	N/A	N/A	N/A
Rights of way	isopropylamine dodecylbenzene sulfonate	0.01	N/A	N/A	N/A
Rights of way	metam-sodium	1,502.36	N/A	N/A	N/A
Rights of way	methylated soybean oil	634.64	N/A	N/A	N/A
Rights of way	mineral oil	0.71	N/A	N/A	N/A
Rights of way	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	76.41	N/A	N/A	N/A
Rights of way	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene) sulfate, ammonium salt	<0.01	N/A	N/A	N/A
Rights of way	oleic acid, ethyl ester	0.58	1	3.0	A
Rights of way	oleic acid, methyl ester	0.09	1	6.0	A
Rights of way	oleic acid, methyl ester	177.68	N/A	N/A	N/A
Rights of way	oryzalin	2.08	N/A	N/A	N/A
Rights of way	oxyfluorfen	12.77	N/A	N/A	N/A
Rights of way	penoxsulam	0.27	N/A	N/A	N/A
Rights of way	petroleum distillates	0.28	N/A	N/A	N/A
Rights of way	petroleum oil, paraffin based	2.03	N/A	N/A	N/A
Rights of way	polyethylene glycol diacetate	<0.01	1	6.0	A
Rights of way	polyethylene glycol diacetate	1.08	N/A	N/A	N/A
Rights of way	polyethylene glycol stearate	0.14	1	3.0	A
Rights of way	polyoxyethylene sorbitan mixed fatty acid esters	0.08	N/A	N/A	N/A
Rights of way	polyoxyethylene sorbitan monooleate	0.04	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	polyoxyethylene sorbitan trioleate	0.25	N/A	N/A	N/A
Rights of way	pyraflufen-ethyl	<0.01	1	0.5	A
Rights of way	rimsulfuron	0.16	1	5.0	A
Rights of way	rimsulfuron	0.87	N/A	N/A	N/A
Rights of way	sorbitan fatty acid esters	0.02	N/A	N/A	N/A
Rights of way	soybean oil	9.07	N/A	N/A	N/A
Rights of way	sulfentrazone	2.41	N/A	N/A	N/A
Rights of way	sulfometuron-methyl	0.12	N/A	N/A	N/A
Rights of way	thiencarbazone-methyl	0.01	N/A	N/A	N/A
Rights of way	triclopyr, butoxyethyl ester	2.22	2	2.72	A
Rights of way	triclopyr, butoxyethyl ester	90.03	N/A	N/A	N/A
Rights of way	triclopyr, triethylamine salt	129.17	N/A	N/A	N/A
Rights of way	alpha-undecyl-omega-hydroxypoly(oxyethylene)	3.78	N/A	N/A	N/A
Strawberry	abamectin	0.15	2	12.0	A
Strawberry	glyphosate, isopropylamine salt	6.53	1	6.0	A
Structural pest control	abamectin	0.04	N/A	N/A	N/A
Structural pest control	acephate	0.36	N/A	N/A	N/A
Structural pest control	acetamiprid	0.11	N/A	N/A	N/A
Structural pest control	alkyl (50%c14, 40%c12, 10%c16) dimethylbenzyl ammonium chloride	0.29	N/A	N/A	N/A
Structural pest control	d-trans allethrin	0.07	N/A	N/A	N/A
Structural pest control	bifenthrin	20.69	N/A	N/A	N/A
Structural pest control	borax	2.09	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	boric acid	34.24	N/A	N/A	N/A
Structural pest control	brodifacoum	0.01	N/A	N/A	N/A
Structural pest control	bromadiolone	0.04	N/A	N/A	N/A
Structural pest control	bromethalin	<0.01	N/A	N/A	N/A
Structural pest control	chlorantraniliprole	1.9	N/A	N/A	N/A
Structural pest control	chlorfenapyr	26.51	N/A	N/A	N/A
Structural pest control	cholecalciferol	0.4	N/A	N/A	N/A
Structural pest control	copper naphthenate	2.87	N/A	N/A	N/A
Structural pest control	cyfluthrin	4.49	N/A	N/A	N/A
Structural pest control	beta-cyfluthrin	1.47	N/A	N/A	N/A
Structural pest control	cypermethrin	777.36	N/A	N/A	N/A
Structural pest control	(s)-cypermethrin	0.13	N/A	N/A	N/A
Structural pest control	deltamethrin	37.91	N/A	N/A	N/A
Structural pest control	diatomaceous earth	12.32	N/A	N/A	N/A
Structural pest control	difethialone	<0.01	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	dinotefuran	1.88	N/A	N/A	N/A
Structural pest control	diphacinone	<0.01	N/A	N/A	N/A
Structural pest control	disodium octaborate tetrahydrate	2,125.07	N/A	N/A	N/A
Structural pest control	esfenvalerate	2.05	N/A	N/A	N/A
Structural pest control	etofenprox	0.02	N/A	N/A	N/A
Structural pest control	fipronil	32.06	N/A	N/A	N/A
Structural pest control	gamma-cyhalothrin	<0.01	N/A	N/A	N/A
Structural pest control	glyphosate, isopropylamine salt	2.41	N/A	N/A	N/A
Structural pest control	hydramethylnon	<0.01	N/A	N/A	N/A
Structural pest control	hydroprene	46.81	N/A	N/A	N/A
Structural pest control	imidacloprid	170.66	N/A	N/A	N/A
Structural pest control	indoxacarb	1.86	N/A	N/A	N/A
Structural pest control	lambda-cyhalothrin	0.46	N/A	N/A	N/A
Structural pest control	limonene	39.57	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	0.06	N/A	N/A	N/A
Structural pest control	muscalure	<0.01	N/A	N/A	N/A
Structural pest control	novaluron	0.01	N/A	N/A	N/A
Structural pest control	noviflumuron	<0.01	N/A	N/A	N/A
Structural pest control	n-octyl bicycloheptene dicarboximide	1.73	N/A	N/A	N/A
Structural pest control	permethrin	68.1	N/A	N/A	N/A
Structural pest control	permethrin, other related	<0.01	N/A	N/A	N/A
Structural pest control	phenothrin	0.29	N/A	N/A	N/A
Structural pest control	phenylethyl propionate	<0.01	N/A	N/A	N/A
Structural pest control	piperonyl butoxide	34.18	N/A	N/A	N/A
Structural pest control	piperonyl butoxide, other related	6.1	N/A	N/A	N/A
Structural pest control	prallethrin	0.55	N/A	N/A	N/A
Structural pest control	pyrethrins	15.29	N/A	N/A	N/A
Structural pest control	pyriproxyfen	0.13	N/A	N/A	N/A
Structural pest control	silica aerogel	0.16	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	sodium decyl sulfate	1.23	N/A	N/A	N/A
Structural pest control	sodium lauroampho acetate	0.93	N/A	N/A	N/A
Structural pest control	sodium lauryl sulfate	0.63	N/A	N/A	N/A
Structural pest control	sulfuryl fluoride	2,328.98	N/A	N/A	N/A
Structural pest control	tetramethrin	<0.01	N/A	N/A	N/A
Structural pest control	thiamethoxam	0.31	N/A	N/A	N/A
Structural pest control	thiophanate-methyl	0.02	N/A	N/A	N/A
Structural pest control	thyme	<0.01	N/A	N/A	N/A
Turf/sod	glyphosate, isopropylamine salt	1.87	N/A	1.0	A
Uncultivated non-ag	glyphosate, isopropylamine salt	5.01	1	10.0	A
Vertebrate control	bromadiolone	<0.01	N/A	N/A	N/A
Vertebrate control	sulfaquinoxaline	<0.01	N/A	N/A	N/A
Vertebrate control	warfarin	<0.01	N/A	N/A	N/A
Walnut	copper hydroxide	1.07	2	2.0	A
Walnut	copper oxychloride	1.19	2	2.0	A
Walnut	sulfur	12.0	2	2.0	A
Water (industrial)	1-bromo-3-chloro-5,5-dimethyl hydantoin	27.1	N/A	1.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Water (industrial)	1-bromo-3-chloro-5,5-dimethyl hydantoin	54.2	N/A	2.0	U
Water (industrial)	1,3-dichloro-5,5-dimethylhydantoin	14.45	N/A	1.0	A
Water (industrial)	1,3-dichloro-5,5-dimethylhydantoin	28.9	N/A	2.0	U
Water (industrial)	1,3-dichloro-5-ethyl-5-methylhydantoin	7.95	N/A	1.0	A
Water (industrial)	1,3-dichloro-5-ethyl-5-methylhydantoin	15.9	N/A	2.0	U
Water (industrial)	glutaraldehyde	19.81	N/A	1.0	A
Water (industrial)	glutaraldehyde	19.81	N/A	1.0	U
Water area	copper sulfate (pentahydrate)	396.0	N/A	10.0	A
Water area	diquat dibromide	15.85	3	2.5	A
Water area	imazamox, ammonium salt	0.16	1	3.0	A
Water area	oleic acid, ethyl ester	0.19	1	3.0	A
Water area	polyoxyethylene dioleate	0.03	1	3.0	A
Water area	polyoxyethylene sorbitan monooleate	0.01	1	3.0	A