

2018 Annual Statewide Pesticide Use Report Indexed by Chemical DEL NORTE 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.

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
abamectin	N-grnhs plants in containers	0.01	3	0.87	A
abamectin	N-grnhs plants in containers	0.09	19	263,500.0	S
abamectin	N-outdr plants in containers	0.01	1	0.43	A
abamectin	N-outdr plants in containers	0.05	10	141,250.0	S
abamectin	Structural pest control	<0.01	N/A	N/A	N/A
abamectin, other related	Structural pest control	<0.01	N/A	N/A	N/A
acephate	N-grnhs plants in containers	0.56	1	0.55	A
acephate	N-grnhs plants in containers	1.27	4	44,750.0	S
acephate	N-outdr flower	48.06	16	99.08	A
acephate	N-outdr plants in containers	0.56	1	0.52	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
acephate	N-outdr plants in containers	0.75	1	25,000.0	S
acetamiprid	N-outdr flower	26.02	39	222.32	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	N-outdr flower	2.97	12	69.1	A
alpha-alkyl (c9-c16)-omega-hydroxypoly(oxyethylene)	Forest, timberland	122.3	35	396.4	A
aminopyralid, triisopropanolamine salt	Rights of way	1.49	N/A	N/A	N/A
azoxystrobin	N-grnhs plants in containers	0.41	12	14.28	A
azoxystrobin	N-grnhs plants in containers	3.72	80	1,397,250.0	S
azoxystrobin	N-outdr flower	4.35	4	8.7	A
azoxystrobin	N-outdr plants in containers	1.23	11	251,500.0	S
benzoic acid	Rights of way	1.75	N/A	N/A	N/A
n6-benzyl adenine	N-grnhs plants in containers	0.04	10	1.29	A
n6-benzyl adenine	N-grnhs plants in containers	0.04	9	45,000.0	S
n6-benzyl adenine	N-outdr plants in containers	<0.01	2	10,000.0	S
bifenazate	N-grnhs plants in containers	0.99	17	312,500.0	S
bifenazate	N-outdr plants in containers	0.69	8	141,250.0	S
bifenthrin	Structural pest control	26.87	N/A	N/A	N/A
borax	Structural pest control	0.09	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
boric acid	Structural pest control	45.49	N/A	N/A	N/A
brodifacoum	Structural pest control	<0.01	N/A	N/A	N/A
bromadiolone	Structural pest control	0.15	N/A	N/A	N/A
butyl alcohol	Forest, timberland	10.72	6	37.0	A
alpha-(para-tert-butylphenyl)-omega-hydroxypoly(oxyethylene) phosphate	N-outdr flower	9.83	3	30.5	A
captan	N-outdr flower	304.34	22	123.27	A
captan	N-outdr flower	993.03	18	15,078,700.0	U
carboxin	N-outdr flower	234.52	22	129.62	A
carboxin	N-outdr flower	461.75	12	9,579,000.0	U
chlorfenapyr	N-grnhs plants in containers	0.38	14	138,750.0	S
chlorfenapyr	N-outdr plants in containers	0.1	4	35,000.0	S
chlorfenapyr	Structural pest control	0.73	N/A	N/A	N/A
chlorothalonil	Landscape maintenance	3.0	N/A	N/A	N/A
chlorothalonil	N-grnhs plants in containers	6.52	4	87,500.0	S
chlorothalonil	N-outdr flower	3,838.58	598	4,789.42	A
chlorothalonil	N-outdr plants in containers	22.06	13	261,750.0	S
chlorpropham	N-outdr flower	230.34	16	97.93	A
chlorsulfuron	Rights of way	4.69	N/A	N/A	N/A
cholecalciferol	Structural pest control	0.01	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
clarified hydrophobic extract of neem oil	N-grnhs plants in containers	17.46	14	136,500.0	S
clarified hydrophobic extract of neem oil	N-outdr plants in containers	2.48	3	18,750.0	S
clopyralid, monoethanolamine salt	Forest, timberland	79.79	29	453.9	A
copper diammonium diacetate complex	N-outdr flower	1,528.95	219	2,022.62	A
copper hydroxide	N-outdr flower	6,484.05	679	5,144.99	A
copper oxychloride	N-outdr flower	287.63	107	785.9	A
copper sulfate (pentahydrate)	N-grnhs plants in containers	0.13	2	0.16	A
copper sulfate (pentahydrate)	N-grnhs plants in containers	0.76	11	116,500.0	S
copper sulfate (pentahydrate)	N-outdr plants in containers	0.1	2	10,500.0	S
cyfluthrin	Structural pest control	24.29	N/A	N/A	N/A
beta-cyfluthrin	Structural pest control	0.47	N/A	N/A	N/A
cypermethrin	Structural pest control	0.02	N/A	N/A	N/A
2,4-d, butoxyethanol ester	Uncultivated ag	27.61	10	9.5	A
daminozide	N-grnhs plants in containers	1.66	3	0.36	A
daminozide	N-grnhs plants in containers	68.57	47	255,355.0	S
daminozide	N-outdr plants in containers	21.87	12	66,400.0	S
deltamethrin	Structural pest control	0.3	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
diatomaceous earth	Structural pest control	3.16	N/A	N/A	N/A
1,3-dichloropropene	Soil fumigation/preplant	92,455.55	36	357.2	A
diethylene glycol	N-outdr flower	1.05	1	5.05	A
difethialone	Structural pest control	<0.01	N/A	N/A	N/A
diflubenzuron	Structural pest control	<0.01	N/A	N/A	N/A
dimethyl alkyl tertiary amines	Rights of way	1.91	N/A	N/A	N/A
dimethylpolysiloxane	Forest, timberland	0.11	6	37.0	A
dimethylpolysiloxane	N-outdr flower	6.9	10	48.65	A
dinotefuran	Structural pest control	0.47	N/A	N/A	N/A
diquat dibromide	N-grnhs plants in containers	8.39	3	112,500.0	S
diquat dibromide	N-outdr flower	8.51	6	39.0	A
diquat dibromide	N-outdr plants in containers	2.8	1	0.86	A
diquat dibromide	N-outdr plants in containers	15.85	6	180,000.0	S
disodium octaborate tetrahydrate	Structural pest control	222.44	N/A	N/A	N/A
diuron	N-outdr flower	1,325.05	149	1,151.19	A
ethoprop	N-outdr flower	1,314.99	124	344.18	A
fenhexamid	N-grnhs plants in containers	1.88	5	70,000.0	S
fenhexamid	N-outdr plants in containers	1.0	2	60,000.0	S
fipronil	Structural pest control	3.39	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
fluazinam	N-outdr flower	78.66	26	151.2	A
flurprimidol	N-grnhs plants in containers	0.03	4	6.21	A
fosetyl-al	N-grnhs plants in containers	1.3	1	1.4	A
fosetyl-al	N-grnhs plants in containers	0.65	1	30,000.0	S
gibberellins	N-grnhs plants in containers	0.04	10	1.29	A
gibberellins	N-grnhs plants in containers	0.08	16	80,500.0	S
gibberellins	N-outdr plants in containers	<0.01	2	10,000.0	S
glyphosate, isopropylamine salt	Forest, timberland	5.66	3	38.5	A
glyphosate, isopropylamine salt	Landscape maintenance	11.94	N/A	N/A	N/A
glyphosate, isopropylamine salt	N-grnhs plants in containers	10.97	3	3.15	A
glyphosate, isopropylamine salt	N-grnhs plants in containers	67.79	21	822,560.0	S
glyphosate, isopropylamine salt	N-outdr flower	877.53	66	552.24	A
glyphosate, isopropylamine salt	N-outdr plants in containers	2.99	1	0.86	A
glyphosate, isopropylamine salt	N-outdr plants in containers	56.82	21	655,000.0	S
glyphosate, isopropylamine salt	Rights of way	20.28	N/A	N/A	N/A
glyphosate, potassium salt	Rights of way	223.43	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
hydroprene	Structural pest control	0.38	N/A	N/A	N/A
imazapyr, isopropylamine salt	Forest, timberland	58.21	27	434.9	A
imidacloprid	N-grnhs plants in containers	1.24	4	7.07	A
imidacloprid	N-grnhs plants in containers	3.8	30	834,000.0	S
imidacloprid	N-outdr flower	67.01	144	941.38	A
imidacloprid	N-outdr plants in containers	1.35	10	317,500.0	S
imidacloprid	Structural pest control	1.87	N/A	N/A	N/A
indaziflam	Rights of way	5.29	N/A	N/A	N/A
indoxacarb	Structural pest control	0.07	N/A	N/A	N/A
iprodione	N-grnhs plants in containers	0.28	11	19.25	A
iprodione	N-grnhs plants in containers	0.65	29	1,375,000.0	S
iprodione	N-outdr flower	332.63	126	1,008.85	A
iprodione	N-outdr plants in containers	0.07	1	2.75	A
iprodione	N-outdr plants in containers	0.04	2	100,000.0	S
iron phosphate	Structural pest control	1.31	N/A	N/A	N/A
isopropylamine dodecylbenzene sulfonate	Rights of way	0.12	N/A	N/A	N/A
lambda-cyhalothrin	Structural pest control	0.15	N/A	N/A	N/A
lecithin	Forest, timberland	122.3	35	396.4	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
mancozeb	Landscape maintenance	1.5	N/A	N/A	N/A
mancozeb	N-outdr flower	67.43	14	75.0	A
mefenoxam	N-grnhs plants in containers	0.03	1	70,000.0	S
mefenoxam	N-outdr flower	112.64	58	195.25	A
metam-sodium	N-outdr flower	61,780.16	36	198.4	A
metam-sodium	Soil fumigation/preplant	21,907.36	14	69.0	A
methiocarb	N-grnhs plants in containers	0.22	1	0.02	A
methiocarb	N-grnhs plants in containers	0.12	1	2,000.0	S
methiocarb	N-outdr plants in containers	14.61	10	231,250.0	S
methoprene	Structural pest control	<0.01	N/A	N/A	N/A
s-methoprene	Structural pest control	0.01	N/A	N/A	N/A
methylated soybean oil	Forest, timberland	20.69	3	73.9	A
methylated soybean oil	Rights of way	64.85	N/A	N/A	N/A
mineral oil	Forest, timberland	967.35	20	321.0	A
mineral oil	Rights of way	3.39	N/A	N/A	N/A
napropamide	N-outdr flower	355.54	23	194.75	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Forest, timberland	148.35	29	431.9	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	N-outdr flower	29.09	3	20.61	A
novaluron	Structural pest control	0.03	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
noviflumuron	Structural pest control	0.07	N/A	N/A	N/A
n-octyl bicycloheptene dicarboximide	Structural pest control	0.3	N/A	N/A	N/A
oleic acid, methyl ester	Forest, timberland	570.75	35	396.4	A
paclobutrazol	N-grnhs plants in containers	0.08	10	1.9	A
paclobutrazol	N-grnhs plants in containers	0.01	2	20,000.0	S
pcnb	N-grnhs plants in containers	6.3	4	320,000.0	S
pcnb	N-outdr flower	396.31	24	138.02	A
pcnb	N-outdr flower	1,048.7	18	15,078,700.0	U
permethrin	N-outdr flower	138.07	95	729.47	A
permethrin	Structural pest control	0.43	N/A	N/A	N/A
permethrin, other related	Structural pest control	<0.01	N/A	N/A	N/A
petroleum oil, paraffin based	Rights of way	20.32	N/A	N/A	N/A
phenothrin	Structural pest control	0.06	N/A	N/A	N/A
phenylethyl propionate	Structural pest control	0.05	N/A	N/A	N/A
phorate	N-outdr flower	1,816.28	123	345.08	A
piperonyl butoxide	Structural pest control	0.45	N/A	N/A	N/A
piperonyl butoxide, other related	Structural pest control	0.03	N/A	N/A	N/A
polyoxyethylene polyoxypropylene	N-outdr flower	27.05	9	43.6	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
polyoxyethylene sorbitan monooleate	Rights of way	0.5	N/A	N/A	N/A
polyoxyethylene sorbitan trioleate	Rights of way	3.29	N/A	N/A	N/A
prallethrin	Structural pest control	0.01	N/A	N/A	N/A
propiconazole	Landscape maintenance	1.02	N/A	N/A	N/A
propiconazole	N-grnhs plants in containers	0.05	3	12,900.0	S
propiconazole	Turf/sod	0.61	N/A	1.0	A
propylene glycol	N-outdr flower	1.05	1	5.05	A
pyrethrins	Structural pest control	0.05	N/A	N/A	N/A
pyriproxyfen	Structural pest control	0.13	N/A	N/A	N/A
silica aerogel	Structural pest control	1.48	N/A	N/A	N/A
soybean oil	Rights of way	73.93	N/A	N/A	N/A
streptomycin sulfate	N-grnhs plants in containers	0.42	1	1.4	A
streptomycin sulfate	N-grnhs plants in containers	0.21	1	30,000.0	S
sulfometuron-methyl	Forest, timberland	45.42	29	453.9	A
sulfometuron-methyl	Rights of way	0.05	N/A	N/A	N/A
tall oil fatty acids	Forest, timberland	105.84	20	321.0	A
tall oil fatty acids	N-outdr flower	1.95	1	5.05	A
tebuconazole	N-outdr flower	39.62	28	171.2	A
thiamethoxam	Structural pest control	<0.01	N/A	N/A	N/A
thiophanate-methyl	N-grnhs plants in containers	16.25	10	17.85	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
thiophanate-methyl	N-grnhs plants in containers	49.29	35	1,835,000.0	S
thiophanate-methyl	N-outdr flower	215.68	24	139.2	A
thiophanate-methyl	N-outdr flower	636.9	12	9,579,000.0	U
thiophanate-methyl	N-outdr plants in containers	4.5	1	2.75	A
thiophanate-methyl	N-outdr plants in containers	1.05	2	100,000.0	S
thiram	N-outdr flower	356.57	24	138.02	A
thiram	N-outdr flower	996.28	18	15,078,700.0	U
thyme oil	Structural pest control	0.08	N/A	N/A	N/A
triclopyr, butoxyethyl ester	Forest, timberland	2,154.65	59	749.2	A
triclopyr, butoxyethyl ester	Rights of way	9.99	N/A	N/A	N/A
triclopyr, butoxyethyl ester	Uncultivated ag	13.24	10	9.5	A
triclopyr, triethylamine salt	Rights of way	0.19	N/A	N/A	N/A
uniconazole-p	N-grnhs plants in containers	<0.01	5	0.56	A