

2020 Annual Statewide Pesticide Use Report Indexed by Chemical MARIPOSA 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	Structural pest control	<0.01	N/A	N/A	N/A
acephate	Structural pest control	0.8	N/A	N/A	N/A
acetamiprid	Structural pest control	0.01	N/A	N/A	N/A
alkyl (50% c14 , 40% c12 , 10% c16) dimethylbenzyl ammonium chloride	Animal premise	2.09	N/A	1.0	U
alkyl (50% c14 , 40% c12 , 10% c16) dimethylbenzyl ammonium chloride	Structural pest control	0.01	N/A	N/A	N/A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Olive	2.19	6	48.0	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Rangeland	3.38	36	45.0	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Rights of way	162.33	N/A	N/A	N/A
alpha-pinene beta-pinene copolymer	Apple	5.55	10	31.5	A
alpha-pinene beta-pinene copolymer	Olive	3.76	2	14.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
alkyl (c8,c10) polyglucoside	Landscape maintenance	9.78	N/A	N/A	N/A
alkyl (c8,c10) polyglucoside	Olive	7.47	4	28.0	A
alkyl (c8,c10) polyglucoside	Rangeland	15.35	58	57.5	A
alkyl (c8,c10) polyglucoside	Rights of way	2.14	2	4.0	A
d-trans allethrin	Structural pest control	<0.01	N/A	N/A	N/A
allyloxypolyethylene glycol acetate	Rights of way	0.31	N/A	N/A	N/A
aminocyclopyrachlor, potassium salt	Rights of way	33.48	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Landscape maintenance	10.79	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Rangeland	14.36	18	87.42	A
aminopyralid, triisopropanolamine salt	Rangeland	0.17	2	48,000.0	S
aminopyralid, triisopropanolamine salt	Regulatory pest control	0.05	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Rights of way	19.68	N/A	N/A	N/A
ammonium nitrate	Landscape maintenance	4.66	N/A	N/A	N/A
ammonium nitrate	Olive	3.56	4	28.0	A
ammonium nitrate	Rangeland	7.31	58	57.5	A
ammonium nitrate	Rights of way	1.02	2	4.0	A
ammonium sulfate	Landscape maintenance	34.45	N/A	N/A	N/A
ammonium sulfate	Olive	7.12	4	28.0	A
ammonium sulfate	Rangeland	14.62	58	57.5	A
ammonium sulfate	Rights of way	2.03	2	4.0	A
benzoic acid	Rights of way	0.27	N/A	N/A	N/A
bifenthrin	Structural pest control	39.35	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	Apple	0.23	10	31.5	A
borax	Rights of way	8,774.39	N/A	N/A	N/A
borax	Structural pest control	0.07	N/A	N/A	N/A
boric acid	Landscape maintenance	1.25	N/A	N/A	N/A
boric acid	Structural pest control	12.53	N/A	N/A	N/A
brodifacoum	Structural pest control	<0.01	N/A	N/A	N/A
bromadiolone	Structural pest control	0.05	N/A	N/A	N/A
bromethalin	Structural pest control	<0.01	N/A	N/A	N/A
chlorfenapyr	Structural pest control	6.49	N/A	N/A	N/A
chlorophacinone	Landscape maintenance	<0.01	N/A	N/A	N/A
chlorsulfuron	Landscape maintenance	0.02	N/A	N/A	N/A
chlorsulfuron	Rights of way	71.34	N/A	N/A	N/A
cholecalciferol	Structural pest control	0.01	N/A	N/A	N/A
citric acid	Landscape maintenance	9.24	N/A	N/A	N/A
clopyralid, monoethanolamine salt	Landscape maintenance	17.8	N/A	N/A	N/A
clothianidin	Structural pest control	0.09	N/A	N/A	N/A
codling moth granulosis virus	Apple	<0.01	4	16.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
copper hydroxide	Apple	9.22	1	4.0	A
copper hydroxide	Rights of way	625.3	N/A	N/A	N/A
copper oxide (ous)	Olive	90.44	2	14.0	A
cyfluthrin	Structural pest control	0.57	N/A	N/A	N/A
beta-cyfluthrin	Structural pest control	0.37	N/A	N/A	N/A
cypermethrin	Structural pest control	22.43	N/A	N/A	N/A
deltamethrin	Landscape maintenance	0.9	N/A	N/A	N/A
deltamethrin	Structural pest control	2.59	N/A	N/A	N/A
diazinon	Landscape maintenance	21.92	N/A	N/A	N/A
didecyl dimethyl ammonium chloride	Animal premise	0.95	N/A	1.0	U
didecyl dimethyl ammonium chloride	Structural pest control	<0.01	N/A	N/A	N/A
diethylene glycol	N-outdr plants in containers	0.06	4	4.0	A
difethialone	Structural pest control	<0.01	N/A	N/A	N/A
dimethyl alkyl tertiary amines	Rights of way	0.29	N/A	N/A	N/A
dimethylpolysiloxane	Forest, timberland	<0.01	3	1.25	A
dimethylpolysiloxane	Landscape maintenance	0.01	N/A	N/A	N/A
dimethylpolysiloxane	N-outdr plants in containers	<0.01	4	4.0	A
dimethylpolysiloxane	Olive	0.01	4	28.0	A
dimethylpolysiloxane	Rangeland	0.01	58	57.5	A
dimethylpolysiloxane	Rights of way	<0.01	2	4.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
dimethylpolysiloxane	Rights of way	<0.01	N/A	N/A	N/A
dimethyl silicone fluid emulsion	Landscape maintenance	0.01	N/A	N/A	N/A
dinotefuran	Structural pest control	2.95	N/A	N/A	N/A
dioctyl dimethyl ammonium chloride	Structural pest control	<0.01	N/A	N/A	N/A
diphacinone	Landscape maintenance	<0.01	N/A	N/A	N/A
diphacinone	Rangeland	0.01	7	31.5	A
diphacinone	Structural pest control	<0.01	N/A	N/A	N/A
diphacinone	Vertebrate control	<0.01	N/A	N/A	N/A
diquat dibromide	Rights of way	1.29	N/A	N/A	N/A
diquat dibromide	Water area	9.32	2	5.0	A
disodium octaborate tetrahydrate	Structural pest control	0.69	N/A	N/A	N/A
dithiopyr	Landscape maintenance	61.88	N/A	N/A	N/A
diuron	Rights of way	0.83	N/A	N/A	N/A
e,e-8,10-dodecadien-1-ol	Apple	0.19	1	4.0	A
alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	Olive	0.2	2	14.0	A
emulsifiable methylated vegetable oil	Olive	20.19	6	48.0	A
emulsifiable methylated vegetable oil	Rangeland	24.47	35	35.0	A
esfenvalerate	Structural pest control	3.05	N/A	N/A	N/A
etofenprox	Structural pest control	0.07	N/A	N/A	N/A
etoxazole	Grape, wine	0.27	1	2.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
fipronil	Structural pest control	81.5	N/A	N/A	N/A
flumioxazin	Landscape maintenance	11.43	N/A	N/A	N/A
flumioxazin	Olive	12.5	8	56.0	A
flumioxazin	Rights of way	1.02	2	4.0	A
flumioxazin	Rights of way	1.33	N/A	N/A	N/A
fluridone	Landscape maintenance	N/A	N/A	N/A	N/A
glufosinate-ammonium	Landscape maintenance	114.99	N/A	N/A	N/A
glufosinate-ammonium	Rights of way	1.43	2	3.0	A
glufosinate-ammonium	Rights of way	56.55	N/A	N/A	N/A
glutaraldehyde	Animal premise	1.31	N/A	1.0	U
glyphosate, dimethylamine salt	Landscape maintenance	40.95	N/A	N/A	N/A
glyphosate, isopropylamine salt	Apple	16.03	4	4.0	A
glyphosate, isopropylamine salt	Forest, timberland	445.32	13	211.25	A
glyphosate, isopropylamine salt	Grape, wine	8.44	4	14.0	A
glyphosate, isopropylamine salt	Landscape maintenance	1,079.62	N/A	N/A	N/A
glyphosate, isopropylamine salt	N-outdr plants in containers	0.5	1	1.0	A
glyphosate, isopropylamine salt	Olive	207.4	6	48.0	A
glyphosate, isopropylamine salt	Rangeland	1,048.82	47	440.0	A
glyphosate, isopropylamine salt	Regulatory pest control	18.51	N/A	N/A	N/A
glyphosate, isopropylamine salt	Rights of way	1,091.25	N/A	N/A	N/A
glyphosate, isopropylamine salt	Uncultivated ag	97.47	8	66.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
glyphosate, potassium salt	Landscape maintenance	152.5	N/A	N/A	N/A
glyphosate, potassium salt	Olive	57.93	4	28.0	A
glyphosate, potassium salt	Rangeland	129.82	65	111.5	A
glyphosate, potassium salt	Rights of way	11.03	2	4.0	A
glyphosate, potassium salt	Rights of way	6.9	N/A	N/A	N/A
heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	Landscape maintenance	0.67	N/A	N/A	N/A
heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	Rights of way	0.37	N/A	N/A	N/A
heptyl butyrate	Structural pest control	0.01	N/A	N/A	N/A
hexazinone	Rights of way	2.12	N/A	N/A	N/A
hydroprene	Structural pest control	0.59	N/A	N/A	N/A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Rights of way	1.09	N/A	N/A	N/A
imazapyr, isopropylamine salt	Landscape maintenance	23.98	N/A	N/A	N/A
imazapyr, isopropylamine salt	Regulatory pest control	4.28	N/A	N/A	N/A
imazapyr, isopropylamine salt	Rights of way	233.59	N/A	N/A	N/A
imidacloprid	Grape, wine	0.87	5	16.0	A
imidacloprid	Structural pest control	9.07	N/A	N/A	N/A
indaziflam	Landscape maintenance	0.34	N/A	N/A	N/A
indaziflam	Rights of way	8.01	N/A	N/A	N/A
indoxacarb	Structural pest control	0.08	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
iodine	Forest, timberland	2.66	2	45.0	A
iron phosphate	Landscape maintenance	0.01	N/A	N/A	N/A
isopropyl alcohol	Forest, timberland	0.01	3	1.25	A
isopropyl alcohol	Landscape maintenance	7.86	N/A	N/A	N/A
isoxaben	Landscape maintenance	110.55	N/A	N/A	N/A
kasugamycin hydrochloride	Apple	0.41	4	8.5	A
lambda-cyhalothrin	Structural pest control	9.54	N/A	N/A	N/A
lauryl alcohol	Apple	0.11	1	4.0	A
low molecular weight paraffinic oil	Rights of way	5.09	N/A	N/A	N/A
metam-sodium	Rights of way	2,910.25	N/A	N/A	N/A
methoprene	Structural pest control	<0.01	N/A	N/A	N/A
methylated soybean oil	Forest, timberland	989.14	17	450.0	A
methylated soybean oil	Landscape maintenance	1,149.86	N/A	N/A	N/A
methylated soybean oil	Rangeland	1,442.4	15	377.0	A
methylated soybean oil	Rights of way	432.62	N/A	N/A	N/A
methylated soybean oil	Uncultivated ag	119.36	8	230.0	A
metofluthrin	Structural pest control	<0.01	N/A	N/A	N/A
mineral oil	Apple	1.95	10	31.5	A
mineral oil	Olive	1.05	2	14.0	A
mineral oil	Rangeland	5.84	1	10.0	A
mineral oil	Rights of way	140.25	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
muscalure	Structural pest control	<0.01	N/A	N/A	N/A
myclobutanil	Grape, wine	0.4	2	4.0	A
myristyl alcohol	Apple	0.02	1	4.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Forest, timberland	115.65	20	451.25	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	160.58	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	N-outdr plants in containers	0.33	4	4.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Rangeland	168.5	15	377.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Rights of way	53.11	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Uncultivated ag	13.94	8	230.0	A
novaluron	Structural pest control	0.35	N/A	N/A	N/A
n-octyl bicycloheptene dicarboximide	Structural pest control	0.24	N/A	N/A	N/A
octyl decyl dimethyl ammonium chloride	Structural pest control	0.01	N/A	N/A	N/A
oleic acid, ethyl ester	Rights of way	1.46	N/A	N/A	N/A
oleic acid, methyl ester	Landscape maintenance	2.5	N/A	N/A	N/A
oleic acid, methyl ester	Rights of way	140.34	N/A	N/A	N/A
oryzalin	N-outdr plants in containers	1.29	3	3.0	A
oxyfluorfen	Forest, timberland	80.55	6	295.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
oxyfluorfen	Landscape maintenance	13.11	N/A	N/A	N/A
oxyfluorfen	Olive	38.12	10	76.0	A
oxyfluorfen	Rights of way	1.0	2	4.0	A
oxyfluorfen	Rights of way	432.64	N/A	N/A	N/A
oxyfluorfen	Uncultivated ag	30.79	17	184.0	A
pendimethalin	Olive	212.12	8	56.0	A
penoxsulam	Forest, timberland	1.7	6	295.0	A
penoxsulam	Rights of way	6.75	N/A	N/A	N/A
penoxsulam	Uncultivated ag	0.58	4	170.0	A
permethrin	Structural pest control	9.26	N/A	N/A	N/A
petroleum oil, unclassified	Apple	83.08	1	4.0	A
phenothrin	Structural pest control	<0.01	N/A	N/A	N/A
phosphoric acid	Forest, timberland	28.49	2	45.0	A
phosphoric acid	Landscape maintenance	9.98	N/A	N/A	N/A
phosphoric acid	Olive	1.2	6	48.0	A
phosphoric acid	Rangeland	1.46	35	35.0	A
piperonyl butoxide	Animal premise	0.26	N/A	7.0	U
piperonyl butoxide	Structural pest control	15.78	N/A	N/A	N/A
piperonyl butoxide, other related	Structural pest control	0.01	N/A	N/A	N/A
polyether modified polysiloxane	Olive	1.09	6	48.0	A
polyether modified polysiloxane	Rangeland	1.33	35	35.0	A
polyethylene glycol	Forest, timberland	0.05	3	1.25	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
polyethylene glycol diacetate	Rights of way	0.03	N/A	N/A	N/A
polyethylene glycol stearate	Rights of way	0.36	N/A	N/A	N/A
polyoxyethylene polyoxypropylene	Rights of way	<0.01	N/A	N/A	N/A
prallethrin	Structural pest control	0.97	N/A	N/A	N/A
prohexadione-calcium	Apple	0.52	2	5.0	A
propylene glycol	N-outdr plants in containers	0.06	4	4.0	A
propylene glycol	Rights of way	0.27	N/A	N/A	N/A
pyraflufen-ethyl	Landscape maintenance	0.13	N/A	N/A	N/A
pyrethrins	Animal premise	0.03	N/A	7.0	U
pyrethrins	Structural pest control	0.27	N/A	N/A	N/A
pyriproxyfen	Structural pest control	2.73	N/A	N/A	N/A
rimsulfuron	Landscape maintenance	0.32	N/A	N/A	N/A
rimsulfuron	Regulatory pest control	0.15	N/A	N/A	N/A
silica aerogel	Structural pest control	0.12	N/A	N/A	N/A
sodium dioctylsulfosuccinate	Rights of way	<0.01	N/A	N/A	N/A
sodium hypochlorite	Animal premise	289.0	N/A	12.0	U
streptomycin sulfate	Apple	2.02	3	9.0	A
strychnine	Landscape maintenance	<0.01	N/A	N/A	N/A
sulfentrazone	Rights of way	5.61	N/A	N/A	N/A
sulfometuron-methyl	Landscape maintenance	5.19	N/A	N/A	N/A
sulfometuron-methyl	Rights of way	0.34	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
sulfur	Grape, wine	93.7	5	22.0	A
sulfuryl fluoride	Structural pest control	78.45	N/A	N/A	N/A
tall oil	Landscape maintenance	2.07	N/A	N/A	N/A
tall oil fatty acids	Apple	0.08	10	31.5	A
tall oil fatty acids	Landscape maintenance	0.96	N/A	N/A	N/A
tall oil fatty acids	N-outdr plants in containers	0.12	4	4.0	A
tall oil fatty acids	Rights of way	3.86	N/A	N/A	N/A
tebuthiuron	Rights of way	0.28	N/A	N/A	N/A
thiamethoxam	Structural pest control	<0.01	N/A	N/A	N/A
thiophanate-methyl	N-outdr plants in containers	0.81	3	3.0	A
triclopyr, butoxyethyl ester	Forest, timberland	2.14	3	2.5	A
triclopyr, butoxyethyl ester	Forest, timberland	0.57	5	40,000.0	S
triclopyr, butoxyethyl ester	Rights of way	28.88	N/A	N/A	N/A
triclopyr, triethylamine salt	Forest, timberland	194.45	15	272.35	A
triclopyr, triethylamine salt	Landscape maintenance	224.13	N/A	N/A	N/A
triclopyr, triethylamine salt	Rangeland	444.62	24	527.0	A
triclopyr, triethylamine salt	Rights of way	290.65	N/A	N/A	N/A
trifloxystrobin	Apple	0.33	2	7.0	A
triflumizole	Apple	0.51	2	4.5	A
trifluralin	Landscape maintenance	0.42	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Landscape maintenance	0.82	N/A	N/A	N/A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Olive	2.13	6	48.0	A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Rangeland	2.59	35	35.0	A
vinyl ester polymer	Rights of way	0.34	N/A	N/A	N/A