

2019 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 non-agricultural pesticide use reports are not legally required to report area treated or number of applications. N-outdoor = Outdoor nursery. N-grnhs = Greenhouse nursery. See Pesticide Use Annual Report Data Access, References, and Definitions Guide for more information.

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
abamectin	Landscape maintenance	<0.01	N/A	N/A	N/A
abamectin	Structural pest control	<0.01	N/A	N/A	N/A
acephate	Structural pest control	0.86	N/A	N/A	N/A
alkyl (50% c14 , 40% c12 , 10% c16) dimethylbenzyl ammonium chloride	Animal premise	3.71	N/A	2.0	U
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	0.46	N/A	N/A	N/A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Rangeland	0.05	1	10.0	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Rights of way	0.45	15	15.0	A
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	Rights of way	89.07	N/A	N/A	N/A
alpha-pinene beta-pinene copolymer	Apple	6.66	11	39.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
alkyl (c8,c10) polyglucoside	Landscape maintenance	5.49	N/A	N/A	N/A
d-trans allethrin	Structural pest control	0.01	N/A	N/A	N/A
allyloxypolyethylene glycol acetate	Rights of way	0.72	N/A	N/A	N/A
aminocyclopyrachlor, potassium salt	Rights of way	19.57	N/A	N/A	N/A
amino ethoxy vinyl glycine hydrochloride	Apple	0.63	2	6.0	A
aminopyralid, triisopropanolamine salt	Landscape maintenance	2.98	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Pastureland	0.38	12	60.0	A
aminopyralid, triisopropanolamine salt	Rangeland	31.27	4	5.5	A
aminopyralid, triisopropanolamine salt	Regulatory pest control	0.53	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Rights of way	30.12	N/A	N/A	N/A
ammonium nitrate	Landscape maintenance	2.61	N/A	N/A	N/A
ammonium sulfate	Landscape maintenance	11.59	N/A	N/A	N/A
bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	Apple	1.08	1	2.0	A
benzoic acid	Rights of way	0.61	N/A	N/A	N/A
bifenthrin	Structural pest control	34.2	N/A	N/A	N/A
n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	Apple	0.28	11	39.0	A
n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	Rights of way	2.19	N/A	N/A	N/A
borax	Rights of way	6,665.35	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
borax	Structural pest control	0.02	N/A	N/A	N/A
boric acid	Structural pest control	5.61	N/A	N/A	N/A
boscalid	Grape, wine	0.76	2	6.0	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
bromadiolone	Vertebrate control	<0.01	N/A	N/A	N/A
chlorfenapyr	Structural pest control	4.03	N/A	N/A	N/A
chlorsulfuron	Landscape maintenance	0.04	N/A	N/A	N/A
chlorsulfuron	Rights of way	26.98	N/A	N/A	N/A
citric acid	Landscape maintenance	2.34	N/A	N/A	N/A
citric acid	Rights of way	2.53	N/A	N/A	N/A
clopyralid, monoethanolamine salt	Regulatory pest control	0.65	N/A	N/A	N/A
clothianidin	Structural pest control	0.46	N/A	N/A	N/A
coconut diethanolamide	Landscape maintenance	0.02	N/A	N/A	N/A
codling moth granulosis virus	Apple	<0.01	5	20.0	A
copper ethanolamine complexes, mixed	Water area	382.08	N/A	155.5	A
copper hydroxide	Apple	4.61	1	4.0	A
copper hydroxide	Rights of way	475.0	N/A	N/A	N/A
copper oxide (ous)	Olive	85.57	1	14.0	A
cyfluthrin	Structural pest control	0.07	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
beta-cyfluthrin	Structural pest control	0.68	N/A	N/A	N/A
cypermethrin	Structural pest control	25.98	N/A	N/A	N/A
deltamethrin	Landscape maintenance	0.38	N/A	N/A	N/A
deltamethrin	Structural pest control	2.29	N/A	N/A	N/A
didecyl dimethyl ammonium chloride	Animal premise	1.69	N/A	2.0	U
diethylene glycol	N-outdr plants in containers	1.33	15	15.0	A
diethylene glycol	Rights of way	1.71	N/A	N/A	N/A
difethialone	Structural pest control	<0.01	N/A	N/A	N/A
dimethyl alkyl tertiary amines	Rights of way	0.67	N/A	N/A	N/A
dimethylpolysiloxane	Forest, timberland	<0.01	1	0.25	A
dimethylpolysiloxane	Landscape maintenance	0.01	N/A	N/A	N/A
dimethylpolysiloxane	N-outdr plants in containers	0.07	15	15.0	A
dimethylpolysiloxane	Olive	0.01	1	14.0	A
dimethylpolysiloxane	Rights of way	0.04	N/A	N/A	N/A
dinotefuran	Structural pest control	1.64	N/A	N/A	N/A
diphacinone	Landscape maintenance	<0.01	N/A	N/A	N/A
diphacinone	Pastureland	<0.01	1	1.0	A
diphacinone	Rights of way	0.01	N/A	N/A	N/A
diphacinone	Structural pest control	<0.01	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
diphacinone, sodium salt	Structural pest control	<0.01	N/A	N/A	N/A
diquat dibromide	Water area	18.65	4	10.0	A
disodium octaborate tetrahydrate	Structural pest control	0.17	N/A	N/A	N/A
dithiopyr	Landscape maintenance	86.74	N/A	N/A	N/A
diuron	Landscape maintenance	8.52	N/A	N/A	N/A
diuron	Rights of way	6.4	N/A	N/A	N/A
e,e-8,10-dodecadien-1-ol	Apple	0.23	2	8.0	A
dodecylbenzene sulfonic acid	Landscape maintenance	0.1	N/A	N/A	N/A
edta, tetrasodium salt	Landscape maintenance	0.01	N/A	N/A	N/A
emulsifiable methylated vegetable oil	Rangeland	0.45	1	10.0	A
emulsifiable methylated vegetable oil	Rights of way	4.19	15	15.0	A
esfenvalerate	Structural pest control	0.85	N/A	N/A	N/A
etofenprox	Structural pest control	<0.01	N/A	N/A	N/A
fatty acids, mixed	Rights of way	3.05	N/A	N/A	N/A
fipronil	Landscape maintenance	0.07	N/A	N/A	N/A
fipronil	Structural pest control	79.55	N/A	N/A	N/A
flumioxazin	Landscape maintenance	2.52	N/A	N/A	N/A
flumioxazin	Rights of way	2.83	15	15.0	A
fluridone	Landscape maintenance	0.06	N/A	N/A	N/A
fosetyl-al	Apple	1.9	2	4.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
glufosinate-ammonium	Rights of way	16.15	N/A	N/A	N/A
glutaraldehyde	Animal premise	2.33	N/A	2.0	U
glyphosate, isopropylamine salt	Apple	10.02	2	2.0	A
glyphosate, isopropylamine salt	Forest, timberland	146.61	3	95.25	A
glyphosate, isopropylamine salt	Grape, wine	5.59	7	12.0	A
glyphosate, isopropylamine salt	Landscape maintenance	390.7	N/A	N/A	N/A
glyphosate, isopropylamine salt	N-outdr plants in containers	8.22	13	13.0	A
glyphosate, isopropylamine salt	Rangeland	458.62	3	205.0	A
glyphosate, isopropylamine salt	Regulatory pest control	56.09	N/A	N/A	N/A
glyphosate, isopropylamine salt	Rights of way	26.0	16	19.0	A
glyphosate, isopropylamine salt	Rights of way	982.73	N/A	N/A	N/A
glyphosate, potassium salt	Landscape maintenance	68.3	N/A	N/A	N/A
glyphosate, potassium salt	Rangeland	1.32	1	10.0	A
glyphosate, potassium salt	Regulatory pest control	2.48	N/A	N/A	N/A
glyphosate, potassium salt	Rights of way	5.17	6	40.0	A
glyphosate, potassium salt	Rights of way	33.01	N/A	N/A	N/A
heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	Rights of way	0.22	N/A	N/A	N/A
hexazinone	Forest, timberland	3.12	1	20.0	A
hexazinone	Landscape maintenance	1.25	N/A	N/A	N/A
hydroprene	Structural pest control	4.52	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Rights of way	2.5	N/A	N/A	N/A
imazapyr, isopropylamine salt	Regulatory pest control	2.26	N/A	N/A	N/A
imazapyr, isopropylamine salt	Rights of way	12.63	N/A	N/A	N/A
imidacloprid	Grape, wine	1.21	2	6.0	A
imidacloprid	Landscape maintenance	0.02	N/A	N/A	N/A
imidacloprid	Structural pest control	13.66	N/A	N/A	N/A
indaziflam	Landscape maintenance	0.7	N/A	N/A	N/A
indaziflam	Rights of way	11.64	N/A	N/A	N/A
indoxacarb	Structural pest control	0.08	N/A	N/A	N/A
isopropyl alcohol	Forest, timberland	<0.01	1	0.25	A
isopropyl alcohol	Landscape maintenance	4.26	N/A	N/A	N/A
isopropyl alcohol	Olive	0.29	1	14.0	A
isoxaben	Landscape maintenance	81.05	N/A	N/A	N/A
kasugamycin hydrochloride	Apple	0.68	5	14.0	A
lambda-cyhalothrin	Structural pest control	0.14	N/A	N/A	N/A
lauryl alcohol	Apple	0.13	2	8.0	A
metam-sodium	Rights of way	2,200.38	N/A	N/A	N/A
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

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
methylated soybean oil	Forest, timberland	240.4	2	95.0	A
methylated soybean oil	Rangeland	601.0	1	200.0	A
methylated soybean oil	Rights of way	133.05	N/A	N/A	N/A
metofluthrin	Structural pest control	0.01	N/A	N/A	N/A
mineral oil	Apple	2.35	11	39.0	A
mineral oil	Landscape maintenance	3.65	N/A	N/A	N/A
mineral oil	Rights of way	146.6	N/A	N/A	N/A
muscalure	Structural pest control	<0.01	N/A	N/A	N/A
myclobutanil	Grape, wine	0.45	3	6.0	A
myristyl alcohol	Apple	0.03	2	8.0	A
naa, sodium salt	Apple	0.08	2	6.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Forest, timberland	28.1	3	95.25	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Landscape maintenance	17.09	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	N-outdr plants in containers	6.78	15	15.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Olive	3.4	1	14.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Rangeland	70.21	1	200.0	A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Rights of way	21.71	N/A	N/A	N/A
novaluron	Structural pest control	0.11	N/A	N/A	N/A
n-octyl bicycloheptene dicarboximide	Structural pest control	0.18	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
oleic acid, methyl ester	Rights of way	9.88	N/A	N/A	N/A
oryzalin	N-outdr plants in containers	0.68	3	3.0	A
oxyfluorfen	Landscape maintenance	4.06	N/A	N/A	N/A
oxyfluorfen	Rights of way	7.52	15	15.0	A
oxyfluorfen	Rights of way	8.41	N/A	N/A	N/A
oxyfluorfen	Uncultivated ag	1.41	1	3.0	A
paclobutrazol	Rights of way	0.19	N/A	N/A	N/A
pendimethalin	Landscape maintenance	0.34	N/A	N/A	N/A
pendimethalin	Rights of way	56.82	15	15.0	A
permethrin	Structural pest control	3.63	N/A	N/A	N/A
petroleum distillates	Structural pest control	<0.01	N/A	N/A	N/A
petroleum oil, unclassified	Apple	100.39	2	6.0	A
phenothrin	Structural pest control	0.02	N/A	N/A	N/A
phosphoric acid	Landscape maintenance	2.55	N/A	N/A	N/A
phosphoric acid	Rangeland	0.03	1	10.0	A
phosphoric acid	Rights of way	0.25	15	15.0	A
piperonyl butoxide	Animal premise	0.15	N/A	2.0	U
piperonyl butoxide	Structural pest control	1.99	N/A	N/A	N/A
piperonyl butoxide, other related	Structural pest control	0.06	N/A	N/A	N/A
polyether modified polysiloxane	Rangeland	0.02	1	10.0	A
polyether modified polysiloxane	Rights of way	0.23	15	15.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
polyethylene glycol	Forest, timberland	0.01	1	0.25	A
polyethylene glycol	Olive	1.86	1	14.0	A
polyethylene glycol diacetate	Rights of way	0.07	N/A	N/A	N/A
polysiloxane	Landscape maintenance	0.01	N/A	N/A	N/A
prallethrin	Structural pest control	0.11	N/A	N/A	N/A
prohexadione-calcium	Apple	0.55	2	6.0	A
propylene glycol	N-outdr plants in containers	1.33	15	15.0	A
propylene glycol	Rights of way	0.65	N/A	N/A	N/A
pyraclostrobin	Grape, wine	0.38	2	6.0	A
pyraflufen-ethyl	Landscape maintenance	0.03	N/A	N/A	N/A
pyrethrins	Animal premise	0.02	N/A	2.0	U
pyrethrins	Structural pest control	0.09	N/A	N/A	N/A
pyriproxyfen	Structural pest control	0.01	N/A	N/A	N/A
rimsulfuron	Regulatory pest control	0.27	N/A	N/A	N/A
rimsulfuron	Rights of way	0.09	N/A	N/A	N/A
silica aerogel	Structural pest control	0.14	N/A	N/A	N/A
silicone defoamer	Landscape maintenance	<0.01	N/A	N/A	N/A
sodium hypochlorite	Animal premise	288.36	N/A	9.0	U
sodium xylene sulfonate	Landscape maintenance	0.03	N/A	N/A	N/A
streptomycin sulfate	Apple	2.35	4	10.5	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
strychnine	Landscape maintenance	<0.01	N/A	N/A	N/A
sulfentrazone	Rights of way	10.37	N/A	N/A	N/A
sulfometuron-methyl	Landscape maintenance	1.73	N/A	N/A	N/A
sulfometuron-methyl	Rights of way	37.46	N/A	N/A	N/A
sulfur	Grape, wine	72.3	7	21.0	A
sulfuryl fluoride	Structural pest control	245.71	N/A	N/A	N/A
tall oil	Landscape maintenance	1.11	N/A	N/A	N/A
tall oil fatty acids	Apple	0.09	11	39.0	A
tall oil fatty acids	N-outdr plants in containers	2.46	15	15.0	A
tall oil fatty acids	Rights of way	3.1	N/A	N/A	N/A
tetramethrin	Structural pest control	<0.01	N/A	N/A	N/A
alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	Landscape maintenance	0.11	N/A	N/A	N/A
tetrapotassium pyrophosphate	Landscape maintenance	0.02	N/A	N/A	N/A
thiophanate-methyl	N-outdr plants in containers	3.0	15	15.0	A
triclopyr, butoxyethyl ester	Rangeland	1.99	9	12.0	A
triclopyr, butoxyethyl ester	Regulatory pest control	0.01	N/A	N/A	N/A
triclopyr, triethylamine salt	Forest, timberland	57.36	3	95.25	A
triclopyr, triethylamine salt	Landscape maintenance	32.74	N/A	N/A	N/A
triclopyr, triethylamine salt	Pastureland	2.78	12	60.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
triclopyr, triethylamine salt	Rangeland	154.55	2	210.0	A
triclopyr, triethylamine salt	Rights of way	8.13	9	75.0	A
triclopyr, triethylamine salt	Rights of way	104.88	N/A	N/A	N/A
alpha-tridecyl-omega-hydroxypoly(oxyethanol) phosphate	Rights of way	2.02	N/A	N/A	N/A
triethanolamine	Landscape maintenance	0.04	N/A	N/A	N/A
trifloxystrobin	Apple	0.47	3	10.0	A
triflumizole	Apple	1.29	4	14.0	A
triflumizole	Grape, wine	1.22	2	5.0	A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Rangeland	0.05	1	10.0	A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Rights of way	0.44	15	15.0	A
alpha-undecyl-omega-hydroxypoly(oxyethylene)	Rights of way	4.46	N/A	N/A	N/A
urea dihydrogen sulfate	Rights of way	1.21	N/A	N/A	N/A