

# 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% <b>c14</b> , 40% <b>c12</b> , 10% <b>c16</b> ) dimethylbenzyl ammonium chloride	Animal premise	2.09	N/A	1.0	U
alkyl (50% <b>c14</b> , 40% <b>c12</b> , 10% <b>c16</b> ) 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

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
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

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

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

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

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

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
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

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
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

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

<b>Chemical</b>	<b>Commodity or Site</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
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

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

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