2019 Annual Statewide Pesticide Use Report Indexed by Chemical AMADOR 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	Grape, wine	37.87	173	2,356.64	A
abamectin	Structural pest control	<0.01	N/A	N/A	N/A
acephate	Structural pest control	0.17	N/A	N/A	N/A
acetamiprid	Grape, wine	1.0	1	18.22	А
acetamiprid	Structural pest control	0.02	N/A	N/A	N/A
acetamiprid	Walnut	0.01	1	25.0	А
alpha-alkyl (c9-c11)-omega- hydroxypoly(oxyethylene)	Grape, wine	341.96	209	2,806.63	А
alpha-alkyl (c9-c11)-omega- hydroxypoly(oxyethylene)	Landscape maintenance	0.91	N/A	N/A	N/A
alpha-alkyl (c9-c11)-omega- hydroxypoly(oxyethylene)	Rights of way	79.11	N/A	N/A	N/A
alpha-pinene beta-pinene copolymer	Alfalfa	1.03	1	40.0	А
alpha-pinene beta-pinene copolymer	Forage hay/silage	3.05	2	120.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
alpha-pinene beta-pinene copolymer	Grape, wine	500.65	186	2,844.84	А
alpha-pinene beta-pinene copolymer	Walnut	2.55	2	50.0	Α
alpha-pinene beta-pinene copolymer	Wheat (forage - fodder)	3.1	3	82.0	А
alkyl (c9-c11) oligomeric d-glucopyranoside	Wheat (forage - fodder)	0.01	1	12.0	А
alkyl (c8,c10) polyglucoside	Alfalfa	16.71	5	283.0	А
alkyl (c8,c10) polyglucoside	Grape, wine	19.68	4	55.56	А
alkyl (c8,c10) polyglucoside	Landscape maintenance	9.52	N/A	N/A	N/A
alkyl (c8,c10) polyglucoside	Walnut	2.02	1	25.0	А
alkyl (c8,c10) polyglucoside	Wheat (forage - fodder)	51.28	11	653.0	A
d-trans allethrin	Structural pest control	<0.01	N/A	N/A	N/A
allyloxypolyethylene glycol acetate	Grape, wine	1.81	2	20.06	А
allyloxypolyethylene glycol acetate	Rights of way	0.52	N/A	N/A	N/A
aminocyclopyrachlor	Landscape maintenance	0.07	N/A	N/A	N/A
aminocyclopyrachlor	Rights of way	1.36	N/A	N/A	N/A
aminocyclopyrachlor	Water (industrial)	0.02	N/A	13.0	А
aminocyclopyrachlor, potassium salt	Rights of way	13.55	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Forest, timberland	7.38	4	71.0	А
aminopyralid, triisopropanolamine salt	Landscape maintenance	12.12	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Pastureland	0.72	2	3.0	А
aminopyralid, triisopropanolamine salt	Rights of way	55.68	N/A	N/A	N/A
aminopyralid, triisopropanolamine salt	Uncultivated non-ag	10.14	N/A	48.0	А

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
4-aminopyridine	Structural pest control	0.01	N/A	N/A	N/A
ammonium nitrate	Landscape maintenance	4.57	N/A	N/A	N/A
ammonium nitrate	Rights of way	0.12	N/A	N/A	N/A
ammonium nitrate	Wheat (forage - fodder)	6.96	5	274.0	А
ammonium sulfate	Alfalfa	104.29	9	488.0	А
ammonium sulfate	Grape, wine	570.45	66	893.34	А
ammonium sulfate	Landscape maintenance	21.65	N/A	N/A	N/A
ammonium sulfate	Rights of way	3.0	N/A	N/A	N/A
ammonium sulfate	Walnut	0.34	1	15.0	A
ammonium sulfate	Wheat (forage - fodder)	106.73	11	653.0	А
azoxystrobin	Grape, wine	10.63	2	68.0	A
azoxystrobin	Landscape maintenance	0.02	N/A	N/A	N/A
bacillus pumilus, strain qst 2808	Grape, wine	21.59	15	182.22	A
bacillus subtilis strain iab/bs03	Grape, wine	0.1	6	151.78	А
bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	Grape, wine	0.17	1	9.0	A
benefin	Landscape maintenance	0.2	N/A	N/A	N/A
benzoic acid	Grape, wine	3.79	167	648.65	Α
benzoic acid	Landscape maintenance	0.15	N/A	N/A	N/A
benzoic acid	Rights of way	0.44	N/A	N/A	N/A
bifenazate	Grape, wine	186.16	57	429.13	А

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
bifenthrin	Structural pest control	112.1	N/A	N/A	N/A
n,n-bis-(2-omega- hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	Alfalfa	2.58	3	125.0	А
n,n-bis-(2-omega- hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	Grape, wine	18.31	78	1,014.0	А
n,n-bis-(2-omega- hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	Rights of way	0.77	1	5.0	A
n,n-bis-(2-omega- hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	Rights of way	2.96	N/A	N/A	N/A
n,n-bis-(2-omega- hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	Uncultivated non-ag	0.62	1	4.0	A
borax	Rights of way	686.34	N/A	N/A	N/A
borax	Structural pest control	0.06	N/A	N/A	N/A
boric acid	Structural pest control	1.27	N/A	N/A	N/A
boscalid	Grape, wine	115.59	47	590.4	А
brodifacoum	Structural pest control	<0.01	N/A	N/A	N/A
bromadiolone	Structural pest control	0.02	N/A	N/A	N/A
bromethalin	Landscape maintenance	<0.01	N/A	N/A	N/A
bromethalin	Structural pest control	<0.01	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
burkholderia sp strain a396 cells and fermentation media	Grape, wine	603.17	8	139.0	A
butyl alcohol	Grape, wine	3.0	15	76.9	А
butyl alcohol	Landscape maintenance	1.44	N/A	N/A	N/A
butyl alcohol	Rights of way	9.16	N/A	N/A	N/A
butyl alcohol	Uncultivated non-ag	0.19	1	2.0	А
butyl lactate	Landscape maintenance	4.04	N/A	N/A	N/A
butyl lactate	Rights of way	15.99	N/A	N/A	N/A
calcium chloride	Landscape maintenance	0.42	N/A	N/A	N/A
capric acid	Grape, wine	6.0	1	9.0	А
capric acid	Rights of way	1.2	1	0.01	А
caprylic acid	Grape, wine	8.81	1	9.0	А
caprylic acid	Rights of way	1.76	1	0.01	А
carfentrazone-ethyl	Forage hay/silage	1.74	2	120.0	A
carfentrazone-ethyl	Grape, wine	14.9	122	544.02	А
carfentrazone-ethyl	Landscape maintenance	7.92	N/A	N/A	N/A
carfentrazone-ethyl	Wheat (forage - fodder)	4.93	8	363.0	А
castor oil ethoxylate	Grape, wine	6.31	3	105.0	A
chlorfenapyr	Structural pest control	0.75	N/A	N/A	N/A
chlorophacinone	Landscape maintenance	<0.01	N/A	N/A	N/A
chlorothalonil	Landscape maintenance	60.15	2	320.0	А

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
chlorothalonil	Landscape maintenance	46.84	N/A	N/A	N/A
chlorsulfuron	Landscape maintenance	0.32	N/A	N/A	N/A
chlorsulfuron	Rights of way	3.26	N/A	N/A	N/A
chlorsulfuron	Uncultivated non-ag	0.56	N/A	48.0	А
chlorsulfuron	Water (industrial)	0.01	N/A	13.0	А
cholecalciferol	Structural pest control	<0.01	N/A	N/A	N/A
chromobacterium subtsugae strain praa4-1	Grape, wine	26.25	3	27.5	А
citric acid	Grape, wine	17.95	49	563.68	А
citric acid	Landscape maintenance	5.46	N/A	N/A	N/A
citric acid	Rights of way	3.41	N/A	N/A	N/A
citric acid	Walnut	0.05	1	15.0	А
clethodim	Alfalfa	27.41	2	103.0	А
clethodim	Landscape maintenance	1.39	N/A	N/A	N/A
clethodim	Rights of way	1.08	N/A	N/A	N/A
clopyralid, monoethanolamine salt	Landscape maintenance	0.71	N/A	N/A	N/A
clopyralid, monoethanolamine salt	Rangeland	26.11	5	31.0	А
clopyralid, monoethanolamine salt	Rights of way	20.61	N/A	N/A	N/A
clopyralid, monoethanolamine salt	Uncultivated non-ag	0.99	1	2.0	A
clopyralid, monoethanolamine salt	Wheat (forage - fodder)	29.17	2	183.0	А
clopyralid,triethylamine salt	Landscape maintenance	0.29	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
clothianidin	Structural pest control	0.05	N/A	N/A	N/A
coconut diethanolamide	Landscape maintenance	0.18	N/A	N/A	N/A
copper ethanolamine complexes, mixed	Landscape maintenance	70.08	N/A	N/A	N/A
copper hydroxide	Grape, wine	1,836.63	150	1,829.77	А
copper hydroxide	Landscape maintenance	0.77	N/A	N/A	N/A
copper hydroxide	Rights of way	48.91	N/A	N/A	N/A
copper hydroxide	Walnut	21.75	1	25.0	А
copper oxide (ous)	Grape, wine	132.87	4	82.13	А
copper oxychloride	Grape, wine	181.52	61	285.58	А
copper oxychloride	Walnut	25.8	2	27.0	А
cyflufenamid	Grape, wine	8.03	56	346.82	Α
cyflumetofen	Grape, wine	0.36	1	1.84	Α
cyfluthrin	Structural pest control	4.99	N/A	N/A	N/A
beta-cyfluthrin	Structural pest control	0.7	N/A	N/A	N/A
cypermethrin	Structural pest control	22.29	N/A	N/A	N/A
cyprodinil	Grape, wine	19.46	88	440.49	А
2,4-d, dimethylamine salt	Forage hay/silage	68.03	2	120.0	А
2,4-d, dimethylamine salt	Landscape maintenance	0.55	N/A	N/A	N/A
2,4-d, dimethylamine salt	Pastureland	45.39	1	20.0	А
2,4-d, dimethylamine salt	Wheat (forage - fodder)	69.71	3	82.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
2,4-d, 2-ethylhexyl ester	Landscape maintenance	0.21	N/A	N/A	N/A
4-(2,4-db), dimethylamine salt	Alfalfa	46.82	1	40.0	А
deltamethrin	Structural pest control	17.33	N/A	N/A	N/A
diatomaceous earth	Structural pest control	2.66	N/A	N/A	N/A
dicamba	Landscape maintenance	3.09	N/A	N/A	N/A
dicamba, dimethylamine salt	Landscape maintenance	0.09	N/A	N/A	N/A
diethylene glycol	Grape, wine	31.87	14	104.0	А
diethylene glycol	Rights of way	1.46	N/A	N/A	N/A
difenoconazole	Grape, wine	13.44	90	508.49	А
difethialone	Structural pest control	<0.01	N/A	N/A	N/A
diglycolamine salt of 3,6-dichloro-o-anisic acid	Wheat (forage - fodder)	64.61	5	274.0	A
dimethoate	Alfalfa	111.87	4	224.0	А
dimethyl alkyl tertiary amines	Grape, wine	4.14	167	648.65	А
dimethyl alkyl tertiary amines	Landscape maintenance	0.16	N/A	N/A	N/A
dimethyl alkyl tertiary amines	Rights of way	0.48	N/A	N/A	N/A
dimethylpolysiloxane	Alfalfa	0.07	7	330.0	А
dimethylpolysiloxane	Grape, wine	50.12	238	2,247.16	Α
dimethylpolysiloxane	Landscape maintenance	0.03	N/A	N/A	N/A
dimethylpolysiloxane	Rights of way	0.01	1	5.0	А
dimethylpolysiloxane	Rights of way	1.4	N/A	N/A	N/A
dimethylpolysiloxane	Uncultivated non-ag	0.01	2	6.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
dimethylpolysiloxane	Wheat (forage - fodder)	0.01	5	274.0	A
dimethyl silicone fluid emulsion	Grape, wine	0.26	4	45.0	А
dinotefuran	Landscape maintenance	0.01	N/A	N/A	N/A
dinotefuran	Structural pest control	4.15	N/A	N/A	N/A
diphacinone	Grape, wine	0.01	2	31.0	А
diphacinone	Landscape maintenance	<0.01	N/A	N/A	N/A
diphacinone	Structural pest control	<0.01	N/A	N/A	N/A
diquat dibromide	Landscape maintenance	21.32	N/A	N/A	N/A
diquat dibromide	Rights of way	7.95	N/A	N/A	N/A
disodium octaborate tetrahydrate	Structural pest control	82.79	N/A	N/A	N/A
dithiopyr	Landscape maintenance	24.9	N/A	N/A	N/A
dithiopyr	Rights of way	8.28	N/A	N/A	N/A
diuron	Landscape maintenance	8.79	N/A	N/A	N/A
dodecylbenzene sulfonic acid	Landscape maintenance	0.77	N/A	N/A	N/A
alpha-(para-dodecylphenyl)-omega- hydroxypoly(oxyethylene)	Grape, wine	18.91	133	2,067.91	A
edta, tetrasodium salt	Landscape maintenance	0.05	N/A	N/A	N/A
emamectin benzoate	Landscape maintenance	0.11	N/A	N/A	N/A
emulsifiable methylated vegetable oil	Landscape maintenance	5.97	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
emulsifiable methylated vegetable oil	Rights of way	2.42	N/A	N/A	N/A
esfenvalerate	Structural pest control	0.08	N/A	N/A	N/A
etofenprox	Structural pest control	0.86	N/A	N/A	N/A
etoxazole	Grape, wine	99.66	131	921.64	А
fatty acids, methyl esters	Alfalfa	41.03	1	59.0	А
fatty acids, mixed	Grape, wine	57.59	26	201.58	Α
fatty acids, mixed	Landscape maintenance	1.18	N/A	N/A	N/A
fatty acids, mixed	Rights of way	2.61	N/A	N/A	N/A
fatty acids, c16-c18 and c18-unsaturated, methyl esters	Grape, wine	21.01	21	194.0	А
fenhexamid	Grape, wine	28.05	4	56.1	Α
fenpyroximate	Grape, wine	1.34	1	12.5	А
fipronil	Structural pest control	18.26	N/A	N/A	N/A
flazasulfuron	Grape, wine	20.54	117	477.61	А
fluazifop-p-butyl	Grape, wine	3.11	4	18.03	Α
flumioxazin	Alfalfa	18.36	3	144.0	А
flumioxazin	Grape, wine	170.02	53	986.54	А
flumioxazin	Industrial waste disposal systems, disposal water	0.19	N/A	1.0	A
flumioxazin	Landscape maintenance	6.52	N/A	N/A	N/A
flumioxazin	Water (industrial)	0.73	N/A	8.9	А
fluopyram	Grape, wine	178.79	193	1,828.21	А
fluroxypyr, 1-methylheptyl ester	Rights of way	4.0	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
flutriafol	Grape, wine	47.36	63	638.99	А
gamma-cyhalothrin	Landscape maintenance	0.01	N/A	N/A	N/A
gamma-cyhalothrin	Structural pest control	0.01	N/A	N/A	N/A
glufosinate-ammonium	Grape, wine	713.67	89	694.35	А
glufosinate-ammonium	Landscape maintenance	7.36	N/A	N/A	N/A
glufosinate-ammonium	Rights of way	1.63	N/A	N/A	N/A
glycerol	Grape, wine	98.27	49	563.68	А
glycerol	Landscape maintenance	1.5	N/A	N/A	N/A
glycerol	Walnut	0.25	1	15.0	А
glyphosate, dimethylamine salt	Forest, timberland	737.16	11	187.59	A
glyphosate, isopropylamine salt	Alfalfa	84.19	2	85.0	А
glyphosate, isopropylamine salt	Forest, timberland	3,577.57	21	774.1	A
glyphosate, isopropylamine salt	Grape, wine	2,414.84	197	1,564.59	А
glyphosate, isopropylamine salt	Industrial waste disposal systems, disposal water	26.68	N/A	33.0	A
glyphosate, isopropylamine salt	Landscape maintenance	1.0	4	1.0	A
glyphosate, isopropylamine salt	Landscape maintenance	1,210.72	N/A	N/A	N/A
glyphosate, isopropylamine salt	N-outdr flower	3.0	12	3.0	А
glyphosate, isopropylamine salt	Pastureland	1.49	1	3.0	А
glyphosate, isopropylamine salt	Rangeland	461.95	10	193.65	А
glyphosate, isopropylamine salt	Rights of way	1.56	1	20.0	А

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
glyphosate, isopropylamine salt	Rights of way	1,585.1	N/A	N/A	N/A
glyphosate, isopropylamine salt	Structural pest control	2.66	N/A	N/A	N/A
glyphosate, isopropylamine salt	Uncultivated ag	1.56	1	85.0	А
glyphosate, isopropylamine salt	Uncultivated non-ag	102.42	1	50.0	A
glyphosate, isopropylamine salt	Walnut	20.13	16	32.0	А
glyphosate, isopropylamine salt	Water (industrial)	46.69	N/A	67.0	A
glyphosate, isopropylamine salt	Water area	1.5	6	1.5	А
glyphosate, monoammonium salt	Landscape maintenance	0.55	N/A	N/A	N/A
glyphosate, potassium salt	Alfalfa	1,162.26	12	613.0	А
glyphosate, potassium salt	Blackberry	0.13	1	0.5	А
glyphosate, potassium salt	Grape, wine	912.83	63	571.29	А
glyphosate, potassium salt	Landscape maintenance	357.04	N/A	N/A	N/A
glyphosate, potassium salt	Olive	2.76	1	8.0	А
glyphosate, potassium salt	Rangeland	24.83	2	12.0	А
glyphosate, potassium salt	Rights of way	27.58	1	5.0	А
glyphosate, potassium salt	Rights of way	93.54	N/A	N/A	N/A
glyphosate, potassium salt	Strawberry	0.39	1	1.5	А
glyphosate, potassium salt	Uncultivated non-ag	44.13	2	16.0	A
halosulfuron-methyl	Landscape maintenance	0.03	N/A	N/A	N/A
heptamethyltrisiloxane ethoxylated	Grape, wine	4.05	3	32.0	А
heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	Grape, wine	17.84	8	250.0	A
heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	Rights of way	0.01	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
hexazinone	Forest, timberland	11.0	4	71.0	A
hexythiazox	Grape, wine	77.8	87	413.45	А
hydramethylnon	Structural pest control	0.01	N/A	N/A	N/A
hydroprene	Structural pest control	0.19	N/A	N/A	N/A
hydrotreated paraffinic solvent	Alfalfa	156.75	3	143.0	А
hydrotreated paraffinic solvent	Forage hay/silage	2.29	2	120.0	А
hydrotreated paraffinic solvent	Grape, wine	8.83	9	181.03	А
hydrotreated paraffinic solvent	Walnut	1.91	2	50.0	А
hydrotreated paraffinic solvent	Wheat (forage - fodder)	2.39	4	94.0	A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Grape, wine	36.33	35	84.46	A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	Rights of way	1.81	N/A	N/A	N/A
imazamox, ammonium salt	Alfalfa	5.2	2	103.0	А
imazapyr, isopropylamine salt	Forest, timberland	19.86	3	64.0	A
imazapyr, isopropylamine salt	Rights of way	0.64	N/A	N/A	N/A
imidacloprid	Grape, wine	113.18	96	1,340.84	А
imidacloprid	Landscape maintenance	1.7	N/A	N/A	N/A
imidacloprid	Structural pest control	31.0	N/A	N/A	N/A
indaziflam	Grape, wine	41.47	149	836.06	А

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
indaziflam	Industrial waste disposal systems, disposal water	0.14	N/A	3.0	A
indaziflam	Landscape maintenance	4.55	N/A	N/A	N/A
indaziflam	Rights of way	8.92	N/A	N/A	N/A
indaziflam	Water (industrial)	0.2	N/A	4.0	А
indoxacarb	Alfalfa	3.91	1	40.0	A
indoxacarb	Landscape maintenance	0.2	N/A	N/A	N/A
indoxacarb	Structural pest control	0.28	N/A	N/A	N/A
iprodione	Landscape maintenance	4.98	1	160.0	А
iprodione	Landscape maintenance	4.98	N/A	N/A	N/A
iron phosphate	Landscape maintenance	0.05	N/A	N/A	N/A
iron phosphate	Structural pest control	<0.01	N/A	N/A	N/A
isopropyl alcohol	Grape, wine	36.6	69	774.19	А
isopropyl alcohol	Landscape maintenance	34.83	N/A	N/A	N/A
isoxaben	Grape, wine	5.23	2	34.0	А
isoxaben	Landscape maintenance	24.75	N/A	N/A	N/A
kaolin	Grape, wine	2,670.93	3	75.3	А
kresoxim-methyl	Grape, wine	88.77	39	615.6	А
lambda-cyhalothrin	Alfalfa	17.54	12	609.0	А

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
lambda-cyhalothrin	Structural pest control	0.2	N/A	N/A	N/A
lecithin	Grape, wine	13.0	5	52.98	А
lecithin	Uncultivated non-ag	2.93	N/A	48.0	А
lecithin	Walnut	21.85	1	25.0	А
malathion	Grape, wine	16.03	2	8.0	А
malathion	Strawberry	0.54	1	1.5	А
mancozeb	Landscape maintenance	4.8	N/A	N/A	N/A
mancozeb	Walnut	45.0	1	25.0	А
mcpa, dimethylamine salt	Wheat (forage - fodder)	5.94	1	12.0	A
mcpp, dimethylamine salt	Landscape maintenance	0.12	N/A	N/A	N/A
mcpp-p, dimethylamine salt	Landscape maintenance	0.07	N/A	N/A	N/A
mecoprop-p	Landscape maintenance	0.05	N/A	N/A	N/A
mesosulfuron-methyl	Wheat (forage - fodder)	3.66	5	274.0	A
metam-sodium	Rights of way	540.17	N/A	N/A	N/A
s-methoprene	Structural pest control	0.02	N/A	N/A	N/A
methoxyfenozide	Grape, wine	48.21	8	248.7	А
methylated soybean oil	Alfalfa	74.53	2	103.0	А
methylated soybean oil	Forest, timberland	5,298.97	31	934.69	А
methylated soybean oil	Grape, wine	567.82	280	1,112.79	А
methylated soybean oil	Landscape maintenance	1,012.27	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
methylated soybean oil	Rangeland	634.39	1	125.0	A
methylated soybean oil	Rights of way	551.58	N/A	N/A	N/A
methylated soybean oil	Uncultivated non-ag	8.14	1	50.0	А
methyl silicone resins	Grape, wine	14.95	6	178.8	А
methyl silicone resins	Rights of way	0.57	N/A	N/A	N/A
methyl silicone resins	Walnut	0.08	1	25.0	А
metofluthrin	Structural pest control	<0.01	N/A	N/A	N/A
metrafenone	Grape, wine	34.15	4	125.0	А
mineral oil	Grape, wine	9,520.41	461	4,262.18	A
mineral oil	Landscape maintenance	67.75	N/A	N/A	N/A
mineral oil	Rights of way	3.32	N/A	N/A	N/A
modified phthalic glycerol alkyd resin	Walnut	1.97	1	25.0	A
msma	Landscape maintenance	5.98	N/A	N/A	N/A
muscalure	Structural pest control	<0.01	N/A	N/A	N/A
myclobutanil	Grape, wine	72.98	41	661.5	A
4-nonylphenol, formaldehyde resin, propoxylated	Grape, wine	26.69	33	372.3	A
4-nonylphenol, formaldehyde resin, propoxylated	Wheat (forage - fodder)	0.17	1	12.0	A
alpha-(para-nonylphenyl)-omega- hydroxypoly(oxyethylene)	Alfalfa	111.69	15	774.0	А
alpha-(para-nonylphenyl)-omega- hydroxypoly(oxyethylene)	Forest, timberland	934.3	31	934.69	А
alpha-(para-nonylphenyl)-omega- hydroxypoly(oxyethylene)	Grape, wine	778.19	249	2,056.47	А

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
alpha-(para-nonylphenyl)-omega- hydroxypoly(oxyethylene)	Landscape maintenance	263.28	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega- hydroxypoly(oxyethylene)	Pastureland	9.14	1	20.0	А
alpha-(para-nonylphenyl)-omega- hydroxypoly(oxyethylene)	Rangeland	74.11	1	125.0	А
alpha-(para-nonylphenyl)-omega- hydroxypoly(oxyethylene)	Rights of way	3.85	1	5.0	А
alpha-(para-nonylphenyl)-omega- hydroxypoly(oxyethylene)	Rights of way	142.51	N/A	N/A	N/A
alpha-(para-nonylphenyl)-omega- hydroxypoly(oxyethylene)	Uncultivated non-ag	5.42	3	8.0	А
alpha-(para-nonylphenyl)-omega- hydroxypoly(oxyethylene)	Walnut	14.06	3	70.0	A
alpha-(para-nonylphenyl)-omega- hydroxypoly(oxyethylene)	Wheat (forage - fodder)	191.16	12	665.0	А
alpha-(para-nonylphenyl)-omega- hydroxypoly(oxyethylene), phosphate ester	Alfalfa	1.28	2	103.0	A
alpha-(para-nonylphenyl)-omega- hydroxypoly (oxyethylene) sulfate, ammonium salt	Grape, wine	0.04	1	10.0	А
novaluron	Structural pest control	0.11	N/A	N/A	N/A
n-octyl bicycloheptene dicarboximide	Structural pest control	0.22	N/A	N/A	N/A
oleic acid	Grape, wine	6.57	21	194.0	А
oleic acid, ethyl ester	Grape, wine	333.65	449	1,910.33	А
oleic acid, ethyl ester	Landscape maintenance	0.33	N/A	N/A	N/A
oleic acid, ethyl ester	Rights of way	6.07	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
oleic acid, methyl ester	Forest, timberland	31.24	1	27.0	А
oleic acid, methyl ester	Grape, wine	51.58	5	52.06	А
oleic acid, methyl ester	Landscape maintenance	7.55	N/A	N/A	N/A
oleic acid, methyl ester	Rights of way	91.72	N/A	N/A	N/A
oryzalin	Grape, wine	28.89	4	20.8	А
oryzalin	Landscape maintenance	83.68	N/A	N/A	N/A
oryzalin	Olive	2.6	1	8.0	А
oxadiazon	Landscape maintenance	3.18	N/A	N/A	N/A
oxyfluorfen	Grape, wine	475.0	96	1,240.2	А
oxyfluorfen	Landscape maintenance	4.9	N/A	N/A	N/A
oxyfluorfen	Rights of way	10.16	1	5.0	А
oxyfluorfen	Rights of way	13.72	N/A	N/A	N/A
oxyfluorfen	Uncultivated non-ag	9.04	2	6.0	A
paclobutrazol	Landscape maintenance	0.28	N/A	N/A	N/A
paclobutrazol	Rights of way	1.02	N/A	N/A	N/A
paraquat dichloride	Alfalfa	71.02	2	103.0	A
paraquat dichloride	Grape, wine	13.84	1	27.0	А
paraquat dichloride	Walnut	63.97	3	75.0	А
pendimethalin	Alfalfa	212.12	4	224.0	А
pendimethalin	Grape, wine	1,746.1	63	937.83	А
pendimethalin	Landscape maintenance	22.04	N/A	N/A	N/A
pendimethalin	Rights of way	18.86	1	5.0	А

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
penoxsulam	Landscape maintenance	0.05	N/A	N/A	N/A
penoxsulam	Rights of way	0.23	N/A	N/A	N/A
penoxsulam	Uncultivated non-ag	0.15	1	2.0	А
permethrin	Structural pest control	86.42	N/A	N/A	N/A
petroleum distillates	Walnut	10.51	2	45.0	А
petroleum distillates, refined	Grape, wine	2,245.31	34	360.6	А
petroleum oil, paraffin based	Grape, wine	7.6	1	10.0	А
petroleum oil, unclassified	Landscape maintenance	0.34	N/A	N/A	N/A
phenothrin	Structural pest control	0.04	N/A	N/A	N/A
phosphoric acid	Grape, wine	30.51	49	563.68	А
phosphoric acid	Landscape maintenance	5.15	N/A	N/A	N/A
phosphoric acid	Rights of way	0.14	N/A	N/A	N/A
phosphoric acid	Walnut	0.08	1	15.0	Α
piperonyl butoxide	Structural pest control	16.03	N/A	N/A	N/A
piperonyl butoxide, other related	Structural pest control	0.07	N/A	N/A	N/A
polyacrylamide polymer	Grape, wine	10.04	51	575.18	А
polyacrylamide polymer	Walnut	0.03	1	15.0	А
polyalkene oxide modified heptamethyl trisiloxane	Grape, wine	20.17	111	443.74	А
polyalkene oxide modified heptamethyl trisiloxane	Landscape maintenance	0.02	N/A	N/A	N/A
polybutenes	Grape, wine	4.38	21	194.0	А
polyether modified polysiloxane	Alfalfa	11.62	2	103.0	А

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
polyether modified polysiloxane	Grape, wine	3.08	2	20.4	А
polyether modified polysiloxane	Landscape maintenance	0.32	N/A	N/A	N/A
polyether modified polysiloxane	Rights of way	0.13	N/A	N/A	N/A
polyethoxylated castor oil	Alfalfa	3.87	2	103.0	А
polyethoxylated castor oil	Grape, wine	1.03	2	20.4	А
polyethylene glycol	Alfalfa	19.14	7	384.0	А
polyethylene glycol	Grape, wine	261.95	81	1,079.75	А
polyethylene glycol	Wheat (forage - fodder)	47.74	11	653.0	А
polyethylene glycol diacetate	Grape, wine	0.16	2	20.06	А
polyethylene glycol diacetate	Rights of way	0.05	N/A	N/A	N/A
polyethylene glycol stearate	Grape, wine	83.41	449	1,910.33	А
polyethylene glycol stearate	Landscape maintenance	0.08	N/A	N/A	N/A
polyethylene glycol stearate	Rights of way	0.77	N/A	N/A	N/A
poly-i-para-menthene	Grape, wine	98.23	47	344.05	А
polyoxyethylene dioleate	Rights of way	0.53	N/A	N/A	N/A
polyoxyethylene polyoxypropylene	Grape, wine	185.81	115	877.57	А
poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	Grape, wine	2.85	6	178.8	А
poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	Rights of way	0.05	N/A	N/A	N/A
polyoxyethylene sorbitan mixed fatty acid esters	Grape, wine	1.17	1	10.0	A
polyoxyethylene sorbitan monolaurate	Landscape maintenance	35.51	N/A	N/A	N/A
polyoxyethylene sorbitan monolaurate	Rights of way	140.67	N/A	N/A	N/A
polyoxyethylene sorbitan monooleate	Alfalfa	1.8	1	40.0	А
polyoxyethylene sorbitan monooleate	Forage hay/silage	5.35	2	120.0	А

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
polyoxyethylene sorbitan monooleate	Grape, wine	5.09	5	57.33	А
polyoxyethylene sorbitan monooleate	Rights of way	0.15	N/A	N/A	N/A
polyoxyethylene sorbitan monooleate	Walnut	4.46	2	50.0	A
polyoxyethylene sorbitan monooleate	Wheat (forage - fodder)	5.43	3	82.0	А
polyoxyethylene soybean oil fatty acid ester	Alfalfa	1.03	1	40.0	А
polyoxyethylene soybean oil fatty acid ester	Forage hay/silage	3.05	2	120.0	A
polyoxyethylene soybean oil fatty acid ester	Grape, wine	50.25	8	162.33	А
polyoxyethylene soybean oil fatty acid ester	Walnut	2.55	2	50.0	А
polyoxyethylene soybean oil fatty acid ester	Wheat (forage - fodder)	3.1	3	82.0	А
polypropylene glycol	Rights of way	0.65	N/A	N/A	N/A
potassium bicarbonate	Grape, wine	715.14	39	206.38	A
potassium hydroxide	Walnut	2.35	1	25.0	А
potassium phosphite	Landscape maintenance	1.06	N/A	N/A	N/A
prallethrin	Structural pest control	0.08	N/A	N/A	N/A
prodiamine	Landscape maintenance	97.31	N/A	N/A	N/A
prodiamine	Rights of way	141.38	N/A	N/A	N/A
propiconazole	Landscape maintenance	2.59	N/A	N/A	N/A
propionic acid	Grape, wine	13.0	5	52.98	А
propionic acid	Walnut	16.19	1	25.0	A
propylene glycol	Alfalfa	3.69	3	125.0	А
propylene glycol	Grape, wine	8.09	9	100.4	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
propylene glycol	Landscape maintenance	1.3	N/A	N/A	N/A
propylene glycol	Rights of way	1.1	1	5.0	А
propylene glycol	Rights of way	0.44	N/A	N/A	N/A
propylene glycol	Uncultivated non-ag	0.88	1	4.0	А
pyraclostrobin	Grape, wine	58.71	47	590.4	А
pyraflufen-ethyl	Grape, wine	0.55	17	133.68	А
pyraflufen-ethyl	Landscape maintenance	0.04	N/A	N/A	N/A
pyraflufen-ethyl	Walnut	0.07	1	15.0	А
pyrethrins	Grape, wine	0.23	1	5.14	А
pyrethrins	Structural pest control	2.48	N/A	N/A	N/A
pyriofenone	Grape, wine	35.31	118	631.31	А
pyriproxyfen	Structural pest control	0.36	N/A	N/A	N/A
pyroxsulam	Wheat (forage - fodder)	0.16	1	12.0	A
qst 713 strain of dried bacillus subtilis	Grape, wine	28.74	21	251.67	А
quinclorac	Landscape maintenance	0.25	N/A	N/A	N/A
quinoxyfen	Grape, wine	58.06	42	592.87	A
reynoutria sachalinensis	Grape, wine	45.53	10	106.52	А
rimsulfuron	Grape, wine	11.33	21	248.11	А
rimsulfuron	Landscape maintenance	0.09	N/A	N/A	N/A
rimsulfuron	Rights of way	0.47	N/A	N/A	N/A
saflufenacil	Alfalfa	2.62	1	59.0	А
silica aerogel	Structural pest control	0.45	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
silicone defoamer	Landscape maintenance	0.02	N/A	N/A	N/A
silica filled polydimethylsiloxane	Landscape maintenance	0.02	N/A	N/A	N/A
silica filled polydimethylsiloxane	Rights of way	0.08	N/A	N/A	N/A
simazine	Grape, wine	26.78	2	6.8	А
sodium diisooctylsulfosuccinate	Landscape maintenance	0.02	N/A	N/A	N/A
sodium hydroxide	Grape, wine	53.85	49	563.68	А
sodium hydroxide	Walnut	0.14	1	15.0	А
sodium hypochlorite	Grape, wine	2.05	2	26.0	А
sodium xylene sulfonate	Landscape maintenance	0.76	N/A	N/A	N/A
sorbitan fatty acid esters	Grape, wine	0.26	1	10.0	А
spinosad	Olive	< 0.01	11	11.0	А
spirotetramat	Grape, wine	48.81	57	453.22	А
sulfentrazone	Landscape maintenance	0.02	N/A	N/A	N/A
sulfentrazone	Rights of way	7.07	N/A	N/A	N/A
sulfometuron-methyl	Rights of way	8.7	N/A	N/A	N/A
sulfur	Grape, wine	79,718.66	834	11,458.28	А
sulfur dioxide	Fumigation, other	51.59	N/A	N/A	N/A
sulfuric acid	Alfalfa	1.47	3	125.0	А
sulfuric acid	Grape, wine	3.24	9	100.4	А
sulfuric acid	Rights of way	0.44	1	5.0	А
sulfuric acid	Uncultivated non-ag	0.35	1	4.0	А
sulfuryl fluoride	Structural pest control	206.59	N/A	N/A	N/A
tall oil	Alfalfa	16.1	2	103.0	А

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
tall oil	Grape, wine	9.38	7	228.7	А
tall oil	Landscape maintenance	9.1	N/A	N/A	N/A
tall oil fatty acids	Alfalfa	19.65	8	424.0	А
tall oil fatty acids	Forage hay/silage	1.53	2	120.0	А
tall oil fatty acids	Forest, timberland	6.69	1	27.0	A
tall oil fatty acids	Grape, wine	32.46	65	1,082.49	А
tall oil fatty acids	Landscape maintenance	1.02	N/A	N/A	N/A
tall oil fatty acids	Rights of way	1.96	N/A	N/A	N/A
tall oil fatty acids	Walnut	1.27	2	50.0	А
tall oil fatty acids	Wheat (forage - fodder)	49.3	14	735.0	А
tebuconazole	Grape, wine	220.45	230	2,178.68	А
tebuconazole	Landscape maintenance	1.48	1	160.0	А
tebuconazole	Landscape maintenance	1.48	N/A	N/A	N/A
tetraconazole	Grape, wine	13.2	26	291.49	А
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	0.9	N/A	N/A	N/A
tetrapotassium pyrophosphate	Landscape maintenance	0.12	N/A	N/A	N/A
thiamethoxam	Structural pest control	0.1	N/A	N/A	N/A
thiophanate-methyl	Grape, wine	1.4	1	3.5	А

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
thiophanate-methyl	Landscape maintenance	4.98	1	160.0	А
thiophanate-methyl	Landscape maintenance	5.23	N/A	N/A	N/A
tribenuron-methyl	Wheat (forage - fodder)	3.06	4	196.0	A
triclopyr, butoxyethyl ester	Landscape maintenance	150.52	N/A	N/A	N/A
triclopyr, butoxyethyl ester	Rangeland	105.88	3	40.0	А
triclopyr, butoxyethyl ester	Rights of way	73.66	N/A	N/A	N/A
triclopyr, butoxyethyl ester	Uncultivated non-ag	16.89	1	21.0	A
triclopyr, triethylamine salt	Forest, timberland	40.06	4	55.0	A
triclopyr, triethylamine salt	Industrial waste disposal systems, disposal water	6.3	N/A	16.0	А
triclopyr, triethylamine salt	Landscape maintenance	211.63	N/A	N/A	N/A
triclopyr, triethylamine salt	Rangeland	119.64	1	125.0	А
triclopyr, triethylamine salt	Rights of way	146.18	N/A	N/A	N/A
triclopyr, triethylamine salt	Water (industrial)	13.87	N/A	32.5	А
alpha-tridecyl-omega- hydroxypoly(oxyethanol) phosphate	Rights of way	2.73	N/A	N/A	N/A
triethanolamine	Alfalfa	0.34	2	103.0	А
triethanolamine	Landscape maintenance	0.3	N/A	N/A	N/A
triethanolamine oleate	Wheat (forage - fodder)	0.09	1	12.0	А
trifloxystrobin	Grape, wine	50.0	35	474.64	А

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
triflumizole	Grape, wine	62.15	38	261.38	А
trifluralin	Landscape maintenance	3.75	N/A	N/A	N/A
alpha-2,6,8-trimethyl-4-nonyloxy-omega- hydroxypoly(oxyethylene)	Grape, wine	4.95	3	32.0	A
alpha-undecyl-omega- hydroxypoly(oxyethylene)	Forest, timberland	6.69	1	27.0	A
alpha-undecyl-omega- hydroxypoly(oxyethylene)	Grape, wine	83.04	14	104.0	A
alpha-undecyl-omega- hydroxypoly(oxyethylene)	Landscape maintenance	0.72	N/A	N/A	N/A
alpha-undecyl-omega- hydroxypoly(oxyethylene)	Rights of way	4.08	N/A	N/A	N/A
alpha-undecyl-omega- hydroxypoly(oxyethylene)	Uncultivated non-ag	1.46	N/A	48.0	A
alpha-undecyl-omega- hydroxypoly(oxyethylene)	Walnut	24.28	1	25.0	A
urea dihydrogen sulfate	Rights of way	1.64	N/A	N/A	N/A
warfarin	Landscape maintenance	0.01	N/A	N/A	N/A
zinc phosphide	Landscape maintenance	0.07	N/A	N/A	N/A