

2022 Annual Statewide Pesticide Use Report Indexed by Chemical Modoc 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
1,4-dimethylnaphthalene	Potato	60.01	N/A	6,151.0	T
2,4-d	Rights of way	336.14	N/A	N/A	N/A
2,4-d	Uncultivated ag	42.33	4	148.0	A
2,4-d	Wheat	3.11	1	15.0	A
2,4-d, 2-ethylhexyl ester	Alfalfa	55.38	1	50.0	A
2,4-d, 2-ethylhexyl ester	Regulatory pest control	39.1	N/A	N/A	N/A
2,4-d, 2-ethylhexyl ester	Rights of way	1,174.99	N/A	N/A	N/A
2,4-d, 2-ethylhexyl ester	Uncultivated ag	307.66	2	182.0	A
2,4-d, butoxyethanol ester	Rights of way	628.88	N/A	N/A	N/A
2,4-d, butoxyethanol ester	Uncultivated ag	75.15	4	148.0	A
2,4-d, butoxyethanol ester	Wheat	5.53	1	15.0	A
2,4-d, dimethylamine salt	Alfalfa	112.21	3	157.5	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
2,4-d, dimethylamine salt	Barley	466.34	8	500.0	A
2,4-d, dimethylamine salt	Forage hay/silage	2,607.96	35	2,453.5	A
2,4-d, dimethylamine salt	Oat	45.39	1	83.0	A
2,4-d, dimethylamine salt	Orchardgrass	933.81	9	823.0	A
2,4-d, dimethylamine salt	Pastureland	90.77	1	86.0	A
2,4-d, dimethylamine salt	Rangeland	68.08	2	55.0	A
2,4-d, dimethylamine salt	Regulatory pest control	54.58	N/A	N/A	N/A
2,4-d, dimethylamine salt	Rights of way	660.46	N/A	N/A	N/A
2,4-d, dimethylamine salt	Uncultivated ag	411.48	6	405.0	A
2,4-d, dimethylamine salt	Wheat	2,219.36	33	2,308.0	A
2-butoxyethanol	Uncultivated ag	0.39	1	112.0	A
4-(2,4-db), dimethylamine salt	Alfalfa	463.63	14	759.0	A
Abamectin	Potato	0.79	1	52.0	A
Abamectin	Structural pest control	<0.01	N/A	N/A	N/A
Afidopyropen	Alfalfa	6.97	7	498.0	A
Alcohol alkoxyate	Alfalfa	20.05	41	2,831.98	A
Alcohol alkoxyate	Forage hay/silage	0.48	1	55.5	A
Alcohol alkoxyate	Potato	4.29	5	220.0	A
Alcohol alkoxyate	Uncultivated ag	0.09	1	10.0	A
Alcohol alkoxyate	Wheat	0.99	1	76.0	A
Alkyl (c8,c10) polyglucoside	Alfalfa	640.1	169	9,354.02	A
Alkyl (c8,c10) polyglucoside	Forage hay/silage	30.2	9	392.0	A
Alkyl (c8,c10) polyglucoside	Mint	93.16	10	753.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Alkyl (c8,c10) polyglucoside	Onion, dry	3.91	1	85.0	A
Alkyl (c8,c10) polyglucoside	Pastureland	50.84	5	1,911.0	A
Alkyl (c8,c10) polyglucoside	Potato	132.87	21	1,214.6	A
Alkyl (c8,c10) polyglucoside	Rights of way	78.91	N/A	N/A	N/A
Alkyl (c8,c10) polyglucoside	Uncultivated ag	31.97	7	377.0	A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Alfalfa	119.57	12	591.05	A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Forage hay/silage	34.11	7	358.0	A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Pastureland	60.37	3	1,009.0	A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Potato	68.55	9	477.5	A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Regulatory pest control	39.52	N/A	N/A	N/A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Rights of way	806.46	N/A	N/A	N/A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	Uncultivated ag	10.89	1	72.5	A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	Forest, timberland	3,298.08	33	1,254.69	A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	Potato	65.5	13	628.0	A
Alpha-alkyl (c10-c14)-omega-hydroxypoly(oxyethylene)	Rights of way	2.2	N/A	N/A	N/A
Alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	Alfalfa	28.82	4	349.0	A
Alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	Forage hay/silage	9.53	6	314.0	A
Alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	Pastureland	17.25	3	1,009.0	A
Alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	Potato	19.59	9	477.5	A
Alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	Rights of way	111.78	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	Uncultivated ag	3.11	1	72.5	A
Alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	Alfalfa	18.7	8	242.05	A
Alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	Forage hay/silage	0.77	1	44.0	A
Alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	Regulatory pest control	26.9	N/A	N/A	N/A
Alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	Rights of way	101.01	N/A	N/A	N/A
Alpha-alkyl (c12-c16)-omega-hydroxypoly(oxyethylene)	Rights of way	0.27	N/A	N/A	N/A
Alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	Alfalfa	93.72	85	4,995.54	A
Alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	Forage hay/silage	16.39	11	906.0	A
Alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	Orchardgrass	12.42	8	753.0	A
Alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	Pastureland	6.09	2	902.0	A
Alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	Wheat	5.47	4	250.0	A
Alpha-cypermethrin	Structural pest control	0.08	N/A	N/A	N/A
Alpha-octylphenyl-omega-hydroxypoly(oxyethylene)	Uncultivated ag	0.97	1	112.0	A
Alpha-undecyl-omega-hydroxypoly(oxyethylene)	Alfalfa	55.99	40	1,210.0	A
Alpha-undecyl-omega-hydroxypoly(oxyethylene)	Forage hay/silage	21.96	5	489.0	A
Alpha-undecyl-omega-hydroxypoly(oxyethylene)	Orchardgrass	3.15	1	70.0	A
Alpha-undecyl-omega-hydroxypoly(oxyethylene)	Potato	25.25	7	298.5	A
Alpha-undecyl-omega-hydroxypoly(oxyethylene)	Rights of way	13.55	N/A	N/A	N/A
Aluminum phosphide	Granary	2.75	1	60,820.0	?
Aminocyclopyrachlor, potassium salt	Rights of way	0.04	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Aminopyralid, triisopropanolamine salt	Regulatory pest control	14.13	N/A	N/A	N/A
Aminopyralid, triisopropanolamine salt	Rights of way	219.61	N/A	N/A	N/A
Aminopyralid, triisopropanolamine salt	Uncultivated ag	1.38	1	15.0	A
Ammonium nitrate	Alfalfa	678.57	169	9,354.02	A
Ammonium nitrate	Forage hay/silage	33.86	9	392.0	A
Ammonium nitrate	Mint	334.08	10	753.0	A
Ammonium nitrate	Onion, dry	14.04	1	85.0	A
Ammonium nitrate	Pastureland	24.21	5	1,911.0	A
Ammonium nitrate	Potato	476.5	21	1,214.6	A
Ammonium nitrate	Rights of way	37.58	N/A	N/A	N/A
Ammonium nitrate	Uncultivated ag	86.9	7	377.0	A
Ammonium sulfate	Alfalfa	882.78	208	12,222.82	A
Ammonium sulfate	Forage hay/silage	22.8	8	311.0	A
Ammonium sulfate	Pastureland	48.42	5	1,911.0	A
Ammonium sulfate	Rights of way	75.15	N/A	N/A	N/A
Ammonium sulfate	Uncultivated ag	8.5	3	137.0	A
Ammonium sulfate	Wheat	3.69	1	50.0	A
Azoxystrobin	Onion, dry	300.48	17	1,366.0	A
Azoxystrobin	Potato	80.21	7	513.0	A
Azoxystrobin	Wheat	17.11	3	159.0	A
Bentazon, sodium salt	Mint	67.96	1	73.0	A
Benzoic acid	Alfalfa	64.93	212	16,325.6	A
Benzoic acid	Barley	4.47	18	1,102.0	A
Benzoic acid	Forage hay/silage	6.11	23	1,475.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Benzoic acid	Garlic	0.92	3	167.0	A
Benzoic acid	Horseradish	0.45	1	84.0	A
Benzoic acid	Mint	2.87	12	866.0	A
Benzoic acid	Oat	0.73	2	175.0	A
Benzoic acid	Onion, dry	19.65	46	3,697.0	A
Benzoic acid	Potato	23.71	76	4,626.6	A
Benzoic acid	Rangeland	0.32	2	55.0	A
Benzoic acid	Uncultivated ag	7.46	30	2,292.0	A
Benzoic acid	Unknown	0.44	1	78.0	A
Benzoic acid	Wheat	11.01	40	2,806.0	A
Benzovindiflupyr	Potato	11.25	3	235.0	A
Beta-cyfluthrin	Alfalfa	35.04	13	1,514.99	A
Beta-cyfluthrin	Potato	3.94	3	182.0	A
Beta-cyfluthrin	Structural pest control	0.05	N/A	N/A	N/A
Bifenthrin	Potato	5.26	1	52.0	A
Bifenthrin	Structural pest control	0.05	N/A	N/A	N/A
Boric acid	Structural pest control	0.11	N/A	N/A	N/A
Boscalid	Potato	183.93	20	986.0	A
Bromacil	Rights of way	280.34	N/A	N/A	N/A
Bromadiolone	Structural pest control	<0.01	N/A	N/A	N/A
Bromethalin	Structural pest control	<0.01	N/A	N/A	N/A
Bromoxynil octanoate	Alfalfa	11.72	1	33.0	A
Bromoxynil octanoate	Garlic	31.93	3	167.0	A
Bromoxynil octanoate	Onion, dry	100.98	27	2,017.0	A
Burkholderia rinojensis strain a396	Potato	952.88	2	121.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Butyl lactate	Alfalfa	368.56	288	22,125.4	A
Butyl lactate	Barley	15.45	18	1,102.0	A
Butyl lactate	Forage hay/silage	22.33	23	1,475.0	A
Butyl lactate	Garlic	3.18	3	167.0	A
Butyl lactate	Horseradish	0.91	1	84.0	A
Butyl lactate	Mint	5.46	3	186.0	A
Butyl lactate	Oat	3.41	2	175.0	A
Butyl lactate	Onion, dry	54.65	35	2,749.0	A
Butyl lactate	Pastureland	0.91	1	86.0	A
Butyl lactate	Potato	50.75	39	2,474.0	A
Butyl lactate	Rangeland	0.8	2	55.0	A
Butyl lactate	Rights of way	8.79	N/A	N/A	N/A
Butyl lactate	Uncultivated ag	130.25	27	2,125.0	A
Butyl lactate	Unknown	2.73	1	78.0	A
Butyl lactate	Wheat	65.16	39	2,722.0	A
Carbaryl	Pastureland	16.0	1	10.0	A
Carfentrazone-ethyl	Alfalfa	18.08	15	985.0	A
Carfentrazone-ethyl	Forage hay/silage	2.29	3	101.0	A
Carfentrazone-ethyl	Mint	16.04	9	631.0	A
Carfentrazone-ethyl	Potato	4.16	3	156.0	A
Carfentrazone-ethyl	Uncultivated ag	1.05	1	73.0	A
Chlorantraniliprole	Barley	8.08	4	218.0	A
Chlorantraniliprole	Wheat	21.47	5	374.0	A
Chlorothalonil	Onion, dry	614.96	7	547.0	A
Chlorothalonil	Potato	3,837.46	36	2,017.0	A
Chlorpropham	Potato	727.16	N/A	16,118.0	T

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Chlorsulfuron	Regulatory pest control	0.95	N/A	N/A	N/A
Chlorsulfuron	Rights of way	12.58	N/A	N/A	N/A
Chlorthal-dimethyl	Onion, dry	1,101.84	9	670.0	A
Cholecalciferol	Structural pest control	0.02	N/A	N/A	N/A
Citric acid	Alfalfa	37.31	80	5,814.8	A
Citric acid	Onion, dry	5.92	9	680.0	A
Citric acid	Potato	4.23	2	155.0	A
Citric acid	Rights of way	3.33	N/A	N/A	N/A
Citric acid	Uncultivated ag	39.93	24	1,920.0	A
Citric acid	Wheat	2.91	3	207.0	A
Clethodim	Alfalfa	147.35	9	665.0	A
Clethodim	Mint	138.9	6	510.0	A
Clopyralid, monoethanolamine salt	Forest, timberland	130.53	1	5,986.0	A
Clopyralid, monoethanolamine salt	Mint	0.51	1	53.0	A
Clothianidin	Structural pest control	<0.01	N/A	N/A	N/A
Copper hydroxide	Onion, dry	2,531.38	27	2,213.0	A
Copper hydroxide	Potato	1,617.99	31	1,745.0	A
Copper oxychloride	Potato	90.0	2	106.5	A
Cyfluthrin	Structural pest control	<0.01	N/A	N/A	N/A
Cymoxanil	Potato	48.25	7	467.0	A
Cypermethrin	Structural pest control	0.12	N/A	N/A	N/A
D-trans allethrin	Structural pest control	<0.01	N/A	N/A	N/A
Decyl phenoxy benzene disulfonic acid, disodium salt	Alfalfa	22.17	60	4,351.8	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Decyl phenoxy benzene disulfonic acid, disodium salt	Wheat	0.21	1	50.0	A
Deltamethrin	Structural pest control	0.46	N/A	N/A	N/A
Diazinon	Onion, dry	515.9	3	170.0	A
Dicamba, dimethylamine salt	Forage hay/silage	277.84	20	1,559.0	A
Dicamba, dimethylamine salt	Orchardgrass	212.64	9	823.0	A
Dicamba, dimethylamine salt	Rangeland	4.82	1	1,000.0	A
Dicamba, dimethylamine salt	Rights of way	214.45	N/A	N/A	N/A
Dicamba, dimethylamine salt	Wheat	51.2	6	379.0	A
Diethylene glycol	Regulatory pest control	32.75	N/A	N/A	N/A
Diethylene glycol	Rights of way	782.33	N/A	N/A	N/A
Diglycolamine salt of 3,6-dichloro-o-anisic acid	Alfalfa	81.49	4	282.0	A
Diglycolamine salt of 3,6-dichloro-o-anisic acid	Barley	76.84	9	569.0	A
Diglycolamine salt of 3,6-dichloro-o-anisic acid	Forage hay/silage	137.07	15	932.0	A
Diglycolamine salt of 3,6-dichloro-o-anisic acid	Oat	19.63	2	175.0	A
Diglycolamine salt of 3,6-dichloro-o-anisic acid	Pastureland	16.61	1	86.0	A
Diglycolamine salt of 3,6-dichloro-o-anisic acid	Rangeland	16.61	2	55.0	A
Diglycolamine salt of 3,6-dichloro-o-anisic acid	Uncultivated ag	345.63	18	1,438.0	A
Diglycolamine salt of 3,6-dichloro-o-anisic acid	Unknown	27.18	1	78.0	A
Diglycolamine salt of 3,6-dichloro-o-anisic acid	Wheat	352.75	31	2,171.0	A
Dimethenamid-p	Garlic	113.98	2	133.0	A
Dimethenamid-p	Onion, dry	426.62	11	904.0	A
Dimethenamid-p	Potato	247.81	5	289.5	A
Dimethoate	Alfalfa	300.85	13	775.5	A
Dimethyl alkyl tertiary amines	Alfalfa	70.96	212	16,325.6	A
Dimethyl alkyl tertiary amines	Barley	4.88	18	1,102.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Dimethyl alkyl tertiary amines	Forage hay/silage	6.68	23	1,475.0	A
Dimethyl alkyl tertiary amines	Garlic	1.01	3	167.0	A
Dimethyl alkyl tertiary amines	Horseradish	0.5	1	84.0	A
Dimethyl alkyl tertiary amines	Mint	3.13	12	866.0	A
Dimethyl alkyl tertiary amines	Oat	0.8	2	175.0	A
Dimethyl alkyl tertiary amines	Onion, dry	21.47	46	3,697.0	A
Dimethyl alkyl tertiary amines	Potato	25.91	76	4,626.6	A
Dimethyl alkyl tertiary amines	Rangeland	0.35	2	55.0	A
Dimethyl alkyl tertiary amines	Uncultivated ag	8.16	30	2,292.0	A
Dimethyl alkyl tertiary amines	Unknown	0.49	1	78.0	A
Dimethyl alkyl tertiary amines	Wheat	12.03	40	2,806.0	A
Dimethylpolysiloxane	Alfalfa	0.5	148	7,871.02	A
Dimethylpolysiloxane	Forage hay/silage	0.02	8	311.0	A
Dimethylpolysiloxane	Pastureland	0.05	5	1,911.0	A
Dimethylpolysiloxane	Regulatory pest control	0.08	N/A	N/A	N/A
Dimethylpolysiloxane	Rights of way	2.19	N/A	N/A	N/A
Dimethylpolysiloxane	Uncultivated ag	0.01	3	137.0	A
Dinotefuran	Structural pest control	0.18	N/A	N/A	N/A
Diquat dibromide	Potato	424.23	8	459.0	A
Disodium octaborate tetrahydrate	Structural pest control	0.22	N/A	N/A	N/A
Dithiopyr	Rights of way	0.5	N/A	N/A	N/A
Diuron	Rights of way	40.8	N/A	N/A	N/A
Emulsifiable methylated vegetable oil	Alfalfa	277.09	40	1,210.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Emulsifiable methylated vegetable oil	Forage hay/silage	108.68	5	489.0	A
Emulsifiable methylated vegetable oil	Orchardgrass	15.58	1	70.0	A
Emulsifiable methylated vegetable oil	Potato	124.98	7	298.5	A
Eptc	Potato	266.18	6	229.5	A
Esfenvalerate	Potato	23.79	8	520.5	A
Esfenvalerate	Structural pest control	0.08	N/A	N/A	N/A
Ethofumesate	Onion, dry	46.18	6	513.0	A
Famoxadone	Potato	48.25	7	467.0	A
Fatty acids derived from tallow	Alfalfa	7.48	8	242.05	A
Fatty acids derived from tallow	Forage hay/silage	0.31	1	44.0	A
Fatty acids derived from tallow	Regulatory pest control	10.76	N/A	N/A	N/A
Fatty acids derived from tallow	Rights of way	40.41	N/A	N/A	N/A
Fatty acids, mixed	Rights of way	8.88	N/A	N/A	N/A
Fipronil	Structural pest control	0.41	N/A	N/A	N/A
Fluazifop-p-butyl	Garlic	37.16	1	99.0	A
Fluazifop-p-butyl	Onion, dry	53.23	2	190.0	A
Fludioxonil	Potato	108.36	3	228.0	A
Flumioxazin	Alfalfa	219.24	28	1,971.0	A
Fluopyram	Potato	96.57	19	1,158.0	A
Flupyradifurone	Alfalfa	378.51	66	3,212.0	A
Flupyradifurone	Wheat	51.0	6	424.0	A
Fluroxypyr, 1-methylheptyl ester	Rights of way	3.15	N/A	N/A	N/A
Flutolanil	Potato	186.73	8	394.0	A
Glufosinate-ammonium	Potato	357.5	17	951.6	A
Glyphosate, dimethylamine salt	Forest, timberland	2,005.7	26	1,021.24	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Glyphosate, dimethylamine salt	Rights of way	207.97	N/A	N/A	N/A
Glyphosate, isopropylamine salt	Alfalfa	453.47	4	326.0	A
Glyphosate, isopropylamine salt	Forest, timberland	500.14	6	153.45	A
Glyphosate, isopropylamine salt	Regulatory pest control	333.14	N/A	N/A	N/A
Glyphosate, isopropylamine salt	Rights of way	1,986.06	N/A	N/A	N/A
Glyphosate, isopropylamine salt	Uncultivated ag	2,072.33	17	1,182.0	A
Glyphosate, isopropylamine salt	Wheat	227.32	2	157.0	A
Glyphosate, monoammonium salt	Rights of way	1.67	N/A	N/A	N/A
Glyphosate, potassium salt	Alfalfa	2,224.69	21	1,524.5	A
Glyphosate, potassium salt	Forage hay/silage	7.61	1	11.0	A
Glyphosate, potassium salt	Mint	176.54	1	73.0	A
Glyphosate, potassium salt	Onion, dry	1,032.62	13	922.0	A
Glyphosate, potassium salt	Rights of way	292.12	N/A	N/A	N/A
Glyphosate, potassium salt	Uncultivated ag	1,983.17	15	1,129.5	A
Glyphosate, potassium salt	Unknown	148.95	1	78.0	A
Glyphosate, potassium salt	Wheat	55.17	1	50.0	A
Hexazinone	Alfalfa	565.45	25	2,323.86	A
Hexazinone	Forest, timberland	936.0	5	430.37	A
Hydramethylnon	Structural pest control	<0.01	N/A	N/A	N/A
Hydrogen peroxide	Potato	426.72	3	150.0	A
Hydrogen peroxide	Potato	29.62	N/A	2,803.0	T
Imazamox, ammonium salt	Alfalfa	18.03	7	395.0	A
Imazamox, ammonium salt	Rights of way	26.46	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Imazapyr, isopropylamine salt	Forest, timberland	352.94	17	718.93	A
Imazapyr, isopropylamine salt	Rights of way	98.34	N/A	N/A	N/A
Imazapyr, isopropylamine salt	Uncultivated ag	4.97	1	15.0	A
Imazethapyr, ammonium salt	Alfalfa	76.25	14	933.0	A
Imidacloprid	Potato	212.42	17	990.0	A
Imidacloprid	Structural pest control	0.29	N/A	N/A	N/A
Indaziflam	Rights of way	8.83	N/A	N/A	N/A
Indoxacarb	Alfalfa	172.39	10	1,332.5	A
Indoxacarb	Structural pest control	0.03	N/A	N/A	N/A
Isoparaffinic hydrocarbons	Uncultivated ag	9.67	1	112.0	A
Isopropylamine dodecylbenzene sulfonate	Uncultivated ag	0.39	1	112.0	A
Isoxaben	Rights of way	0.94	N/A	N/A	N/A
Lambda-cyhalothrin	Alfalfa	455.7	228	14,831.13	A
Lambda-cyhalothrin	Barley	9.77	5	315.0	A
Lambda-cyhalothrin	Forage hay/silage	18.75	9	606.0	A
Lambda-cyhalothrin	Onion, dry	15.5	7	442.0	A
Lambda-cyhalothrin	Pastureland	59.9	5	1,911.0	A
Lambda-cyhalothrin	Potato	2.45	1	78.0	A
Lambda-cyhalothrin	Structural pest control	0.18	N/A	N/A	N/A
Lambda-cyhalothrin	Wheat	5.43	2	173.0	A
Lecithin	Rights of way	1.11	N/A	N/A	N/A
Limonene	Uncultivated ag	7.74	1	112.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Malathion	Alfalfa	492.73	6	465.0	A
Malathion	Forage hay/silage	151.29	2	140.0	A
Maleic hydrazide, potassium salt	Potato	833.73	3	217.0	A
Mancozeb	Onion, dry	4,606.73	41	3,361.0	A
Mancozeb	Potato	1,239.56	22	1,016.0	A
Mcpa, dimethylamine salt	Barley	84.16	2	139.0	A
Mcpa, dimethylamine salt	Forage hay/silage	153.39	5	205.0	A
Mcpa, dimethylamine salt	Oat	66.44	1	92.0	A
Mcpa, dimethylamine salt	Uncultivated ag	40.96	1	72.5	A
Mcpa, dimethylamine salt	Wheat	284.92	6	485.0	A
Mefenoxam	Onion, dry	50.2	6	510.0	A
Mefenoxam	Potato	142.26	22	1,386.0	A
Metam-sodium	Potato	34,014.31	4	229.0	A
Methoxyfenozide	Alfalfa	6.78	1	65.0	A
Methoxyfenozide	Forage hay/silage	9.04	1	83.0	A
Methylated soybean oil	Alfalfa	3,154.59	249	19,602.1	A
Methylated soybean oil	Barley	170.8	18	1,102.0	A
Methylated soybean oil	Forage hay/silage	252.26	24	1,556.0	A
Methylated soybean oil	Forest, timberland	366.45	33	1,254.69	A
Methylated soybean oil	Garlic	35.2	3	167.0	A
Methylated soybean oil	Horseradish	17.39	1	84.0	A
Methylated soybean oil	Mint	388.04	22	1,619.0	A
Methylated soybean oil	Oat	27.83	2	175.0	A
Methylated soybean oil	Onion, dry	762.85	47	3,782.0	A
Methylated soybean oil	Potato	1,892.95	110	6,469.2	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Methylated soybean oil	Rangeland	12.17	2	55.0	A
Methylated soybean oil	Rights of way	0.55	N/A	N/A	N/A
Methylated soybean oil	Uncultivated ag	354.25	34	2,532.0	A
Methylated soybean oil	Unknown	16.98	1	78.0	A
Methylated soybean oil	Wheat	427.88	41	2,863.0	A
Metribuzin	Alfalfa	6,498.97	151	11,146.25	A
Metribuzin	Forage hay/silage	115.35	3	140.6	A
Metribuzin	Potato	691.57	26	1,444.5	A
Mineral oil	Alfalfa	664.85	24	2,240.41	A
Muscalure	Structural pest control	<0.01	N/A	N/A	N/A
N,n-bis-(2-(omega-hydroxypoly(oxyethylene)/poly(oxypropylene))ethyl)alkyl (c8-c18) amine	Alfalfa	53.01	20	1,097.5	A
N,n-bis-(2-(omega-hydroxypoly(oxyethylene)/poly(oxypropylene))ethyl)alkyl (c8-c18) amine	Potato	105.18	34	1,815.0	A
Napropamide	Mint	584.2	2	162.0	A
Novaluron	Structural pest control	0.02	N/A	N/A	N/A
Oil of orange	Uncultivated ag	0.19	1	112.0	A
Oleic acid, ethyl ester	Rights of way	8.94	N/A	N/A	N/A
Oxamyl	Onion, dry	260.47	3	299.0	A
Oxamyl	Potato	813.61	20	987.0	A
Oxyfluorfen	Garlic	8.53	1	34.0	A
Oxyfluorfen	Mint	277.38	8	558.0	A
Oxyfluorfen	Onion, dry	179.58	38	2,906.0	A
Paraquat dichloride	Alfalfa	6,290.4	110	8,042.26	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Pendimethalin	Alfalfa	98.48	3	55.0	A
Pendimethalin	Garlic	100.38	2	133.0	A
Pendimethalin	Onion, dry	1,316.73	25	1,775.0	A
Pendimethalin	Potato	711.92	12	747.0	A
Penthiopyrad	Onion, dry	232.06	13	1,071.0	A
Penthiopyrad	Potato	6.28	3	176.0	A
Permethrin	Public health	17.56	N/A	N/A	N/A
Permethrin	Structural pest control	0.5	N/A	N/A	N/A
Peroxyacetic acid	Potato	6.26	N/A	2,803.0	T
Phenothrin	Structural pest control	<0.01	N/A	N/A	N/A
Pinoxaden	Barley	3.67	1	70.0	A
Pinoxaden	Wheat	7.54	2	144.0	A
Piperonyl butoxide	Public health	14.05	N/A	N/A	N/A
Piperonyl butoxide	Structural pest control	0.11	N/A	N/A	N/A
Piperonyl butoxide, other related	Public health	3.51	N/A	N/A	N/A
Poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	Alfalfa	22.65	41	2,580.5	A
Poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	Forage hay/silage	0.72	1	81.0	A
Poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	Mint	10.71	10	753.0	A
Poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	Onion, dry	0.45	1	85.0	A
Poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	Potato	32.8	55	3,029.6	A
Poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	Uncultivated ag	2.65	4	240.0	A
Polyacrylamide, polyethylene glycol mixture	Rights of way	0.6	N/A	N/A	N/A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Polyether modified polysiloxane	Alfalfa	14.17	40	1,210.0	A
Polyether modified polysiloxane	Forage hay/silage	5.56	5	489.0	A
Polyether modified polysiloxane	Orchardgrass	0.8	1	70.0	A
Polyether modified polysiloxane	Potato	6.39	7	298.5	A
Polyethoxylated castor oil	Alfalfa	134.68	21	1,483.0	A
Polyethoxylated castor oil	Forage hay/silage	7.02	1	81.0	A
Polyethoxylated castor oil	Mint	104.4	10	753.0	A
Polyethoxylated castor oil	Onion, dry	4.39	1	85.0	A
Polyethoxylated castor oil	Potato	148.91	21	1,214.6	A
Polyethoxylated castor oil	Uncultivated ag	25.83	4	240.0	A
Polyethylene glycol stearate	Rights of way	2.23	N/A	N/A	N/A
Polyoxyethylene polyol fatty acid esters	Alfalfa	261.7	35	3,218.5	A
Polyoxyethylene polyol fatty acid esters	Onion, dry	27.38	9	680.0	A
Polyoxyethylene polyol fatty acid esters	Potato	19.54	2	155.0	A
Polyoxyethylene polyol fatty acid esters	Rights of way	13.01	N/A	N/A	N/A
Polyoxyethylene polyol fatty acid esters	Uncultivated ag	184.69	24	1,920.0	A
Polyoxyethylene polyol fatty acid esters	Wheat	16.7	3	214.0	A
Polyoxyethylene polyoxypropylene	Alfalfa	1.02	83	6,166.0	A
Polyoxyethylene polyoxypropylene	Forage hay/silage	0.01	1	81.0	A
Polyoxyethylene polyoxypropylene	Wheat	0.03	3	206.0	A
Polyoxyethylene sorbitan monolaurate	Alfalfa	2,314.82	253	18,906.9	A
Polyoxyethylene sorbitan monolaurate	Barley	135.87	18	1,102.0	A
Polyoxyethylene sorbitan monolaurate	Forage hay/silage	196.36	23	1,475.0	A
Polyoxyethylene sorbitan monolaurate	Garlic	28.01	3	167.0	A
Polyoxyethylene sorbitan monolaurate	Horseradish	8.0	1	84.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Polyoxyethylene sorbitan monolaurate	Mint	48.01	3	186.0	A
Polyoxyethylene sorbitan monolaurate	Oat	30.01	2	175.0	A
Polyoxyethylene sorbitan monolaurate	Onion, dry	317.99	26	2,069.0	A
Polyoxyethylene sorbitan monolaurate	Pastureland	8.0	1	86.0	A
Polyoxyethylene sorbitan monolaurate	Potato	330.23	37	2,319.0	A
Polyoxyethylene sorbitan monolaurate	Rangeland	7.04	2	55.0	A
Polyoxyethylene sorbitan monolaurate	Uncultivated ag	48.01	3	205.0	A
Polyoxyethylene sorbitan monolaurate	Unknown	24.01	1	78.0	A
Polyoxyethylene sorbitan monolaurate	Wheat	490.51	36	2,508.0	A
Polyoxyethylene tall oil fatty acid ester	Alfalfa	26.5	20	1,097.5	A
Polyoxyethylene tall oil fatty acid ester	Potato	52.59	34	1,815.0	A
Polysorbate 65	Alfalfa	58.67	24	2,240.41	A
Potassium phosphite	Potato	685.51	5	222.0	A
Prallethrin	Structural pest control	0.02	N/A	N/A	N/A
Propiconazole	Wheat	5.82	2	104.0	A
Pyrethrins	Structural pest control	<0.01	N/A	N/A	N/A
Pyrimethanil	Potato	288.85	19	1,158.0	A
Pyriproxyfen	Structural pest control	<0.01	N/A	N/A	N/A
Reynoutria sachalinensis	Potato	79.87	12	725.0	A
Rimsulfuron	Potato	56.38	50	2,787.5	A
Rimsulfuron	Rights of way	<0.01	N/A	N/A	N/A
Saflufenacil	Alfalfa	167.02	58	4,079.0	A
Saflufenacil	Forage hay/silage	3.57	1	81.0	A
Silica aerogel	Structural pest control	0.02	N/A	N/A	N/A
Silica filled polydimethylsiloxane	Alfalfa	1.32	253	18,906.9	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Silica filled polydimethylsiloxane	Barley	0.08	18	1,102.0	A
Silica filled polydimethylsiloxane	Forage hay/silage	0.11	23	1,475.0	A
Silica filled polydimethylsiloxane	Garlic	0.02	3	167.0	A
Silica filled polydimethylsiloxane	Horseradish	<0.01	1	84.0	A
Silica filled polydimethylsiloxane	Mint	0.03	3	186.0	A
Silica filled polydimethylsiloxane	Oat	0.02	2	175.0	A
Silica filled polydimethylsiloxane	Onion, dry	0.18	26	2,069.0	A
Silica filled polydimethylsiloxane	Pastureland	<0.01	1	86.0	A
Silica filled polydimethylsiloxane	Potato	0.19	37	2,319.0	A
Silica filled polydimethylsiloxane	Rangeland	<0.01	2	55.0	A
Silica filled polydimethylsiloxane	Uncultivated ag	0.03	3	205.0	A
Silica filled polydimethylsiloxane	Unknown	0.01	1	78.0	A
Silica filled polydimethylsiloxane	Wheat	0.28	36	2,508.0	A
Sodium dioctylsulfosuccinate	Alfalfa	0.75	83	6,166.0	A
Sodium dioctylsulfosuccinate	Forage hay/silage	0.01	1	81.0	A
Sodium dioctylsulfosuccinate	Wheat	0.02	3	206.0	A
Sodium lauryl ether sulfate	Alfalfa	119.16	126	7,827.52	A
Sodium lauryl ether sulfate	Forage hay/silage	12.27	11	865.5	A
Sodium lauryl ether sulfate	Orchardgrass	10.38	8	753.0	A
Sodium lauryl ether sulfate	Pastureland	5.09	2	902.0	A
Sodium lauryl ether sulfate	Potato	8.75	5	220.0	A
Sodium lauryl ether sulfate	Uncultivated ag	0.18	1	10.0	A
Sodium lauryl ether sulfate	Wheat	6.59	5	326.0	A
Sorbitan trioleate	Alfalfa	58.67	24	2,240.41	A
Spinetoram	Onion, dry	41.52	10	773.0	A
Spinosad	Potato	7.27	2	121.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Spirotetramat	Onion, dry	154.26	24	1,832.0	A
Spirotetramat	Potato	65.0	19	831.0	A
Sulfometuron-methyl	Regulatory pest control	0.77	N/A	N/A	N/A
Sulfometuron-methyl	Rights of way	72.93	N/A	N/A	N/A
Sulfoxaflor	Potato	21.88	5	346.0	A
Tall oil fatty acids	Alfalfa	168.5	41	2,580.5	A
Tall oil fatty acids	Forage hay/silage	4.86	1	81.0	A
Tall oil fatty acids	Mint	72.28	10	753.0	A
Tall oil fatty acids	Onion, dry	3.04	1	85.0	A
Tall oil fatty acids	Potato	252.42	55	3,029.6	A
Tall oil fatty acids	Uncultivated ag	17.88	4	240.0	A
Tebuconazole	Onion, dry	194.05	7	596.0	A
Tebuthiuron	Rights of way	2.4	N/A	N/A	N/A
Thiamethoxam	Potato	39.89	2	155.0	A
Thiamethoxam	Structural pest control	<0.01	N/A	N/A	N/A
Tribenuron-methyl	Barley	2.25	4	248.0	A
Tribenuron-methyl	Forage hay/silage	3.73	4	321.5	A
Tribenuron-methyl	Oat	0.57	1	92.0	A
Tribenuron-methyl	Uncultivated ag	16.27	18	1,534.0	A
Tribenuron-methyl	Wheat	20.42	23	1,694.0	A
Triclopyr choline	Rights of way	4.35	N/A	N/A	N/A
Vinyl ester polymer	Alfalfa	237.67	83	6,166.0	A
Vinyl ester polymer	Forage hay/silage	3.14	1	81.0	A
Vinyl ester polymer	Wheat	7.58	3	206.0	A

Chemical	Commodity or Site	Pounds Applied	Apps	Area Treated	Unit Treated
Zinc phosphide	Alfalfa	391.0	100	6,207.69	A
Zinc phosphide	Pastureland	0.09	1	4.0	A
Zinc phosphide	Rights of way	7.85	3	450.0	A
Zinc phosphide	Uncultivated ag	4.01	4	330.0	A
Zinc phosphide	Uncultivated non-ag	0.54	2	40.0	A
Zinc phosphide	Vertebrate control	2.97	N/A	N/A	N/A
Zoxamide	Potato	25.73	2	155.0	A