

2023 Annual Statewide Pesticide Use Report Indexed by Commodity: Lake County

[Text files](#) of data are available. Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit, N/A = Not Available. Area treated totals are cumulative, meaning that if a one-acre field was treated three times in a year, the cumulative area treated would equal three acres. Most nonagricultural pesticide use reports are not required to report area treated, so the area treated totals are predominantly agricultural pesticide uses. Application counts (Apps) include only agricultural pesticide uses. N-outdr = Outdoor nursery. N-grnhs = Greenhouse nursery. For more information, see Pesticide Use Annual Report Data Access, References, and Definitions [Guide](#).

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Beehive	Amitraz	0.08	1	10.00	U
Beehive	Thymol	21.50	5	780.00	U
Cannabis (All Or Unspecified)	Aggregated adjuvant data	62.18	121	455.25	A
Cannabis (All Or Unspecified)	Azadirachtin	9.71	73	273.50	A
Cannabis (All Or Unspecified)	Azadirachtin	1.34	24	321,250.00	S
Cannabis (All Or Unspecified)	Bacillus amyloliquefacens strain: f727	4.62	1	31,667.00	S
Cannabis (All Or Unspecified)	Bacillus subtilis subspecies subtilis strain: iab/bs03	0.03	2	36,000.00	S
Cannabis (All Or Unspecified)	Bacillus thuringiensis (berliner), subsp. kurstaki, strain sa-11	260.62	58	192.50	A
Cannabis (All Or Unspecified)	Bacillus thuringiensis subsp. aizawai strain: abts-1857	225.63	73	255.75	A
Cannabis (All Or Unspecified)	Bacillus thuringiensis subsp. kurstaki strain: abts-351	7.83	3	8.00	A
Cannabis (All Or Unspecified)	Bacillus thuringiensis subsp. kurstaki strain: sa-12	5.17	5	5.00	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Cannabis (All Or Unspecified)	Bacillus velensis strain: qst 713	2.28	4	20.00	A
Cannabis (All Or Unspecified)	Bacillus velensis strain: qst 713	0.04	4	7,200.00	S
Cannabis (All Or Unspecified)	Bacillus velezensis strain: d747	1,002.68	89	305.25	A
Cannabis (All Or Unspecified)	Bacillus velezensis strain: d747	6.67	1	33,000.00	S
Cannabis (All Or Unspecified)	Beauveria bassiana strain: gha	0.66	6	25,200.00	S
Cannabis (All Or Unspecified)	Burkholderia rinojensis strain a396	3,465.84	101	364.25	A
Cannabis (All Or Unspecified)	Burkholderia rinojensis strain a396	5.96	1	33,000.00	S
Cannabis (All Or Unspecified)	Chromobacterium subtsugae strain: praa4-1	215.68	83	314.50	A
Cannabis (All Or Unspecified)	Diquat dibromide	76.07	4	15.00	A
Cannabis (All Or Unspecified)	Hypocrea (teleomorph)	0.02	1	1,800.00	S
Cannabis (All Or Unspecified)	Hypocrea atroviridis	0.02	1	1,800.00	S
Cannabis (All Or Unspecified)	Kaolin	9.50	5	5.00	A
Cannabis (All Or Unspecified)	Mineral oil	512.02	34	78.50	A
Cannabis (All Or Unspecified)	Potassium bicarbonate	2.15	5	8.00	A
Cannabis (All Or Unspecified)	Potassium bicarbonate	5.95	6	57,600.00	S
Cannabis (All Or Unspecified)	Potassium laurate	67.65	7	12.50	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Cannabis (All Or Unspecified)	Reynoutria sachalinensis (giant knotweed) plant extract	118.11	74	284.50	A
Cannabis (All Or Unspecified)	Reynoutria sachalinensis (giant knotweed) plant extract	0.55	2	46,500.00	S
Cannabis (All Or Unspecified)	Sulfur	115.72	6	14,016.00	A
Cannabis (All Or Unspecified)	Sulfur	27.44	4	28,000.00	S
Cannabis (All Or Unspecified)	Ulocladium oudemansii (u3 strain)	18.00	2	10.00	A
Commercial, Institutional Or Industrial Areas	Aggregated adjuvant data	2.42	0	3.00	A
Commercial, Institutional Or Industrial Areas	Aminocyclopyrachlor, potassium salt	0.52	0	3.00	A
Commercial, Institutional Or Industrial Areas	Chlorsulfuron	0.56	0	9.00	A
Commercial, Institutional Or Industrial Areas	Clopyralid, monoethanolamine salt	0.19	0	0.00	A
Commercial, Institutional Or Industrial Areas	Glyphosate, isopropylamine salt	4.74	0	3.00	A
Commercial, Institutional Or Industrial Areas	Indaziflam	0.31	0	3.00	A
Commercial, Institutional Or Industrial Areas	Triclopyr choline	9.07	0	6.00	A
Forage Hay/Silage	2,4-d, dimethylamine salt	1.14	2	11.00	A
Forage Hay/Silage	Aggregated adjuvant data	1.77	2	9.00	A
Forage Hay/Silage	Aminopyralid, triisopropanolamine salt	0.24	1	1.00	A
Forage Hay/Silage	Bromoxynil octanoate	26.93	1	35.00	A
Forage Hay/Silage	Carfentrazone-ethyl	0.91	5	43.18	A
Forage Hay/Silage	Citric acid	0.12	2	9.00	A
Forage Hay/Silage	Clopyralid, monoethanolamine salt	0.25	2	11.00	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Forage Hay/Silage	Diglycolamine salt of 3,6-dichloro-o-anisic acid	8.32	1	22.00	A
Fumigation, Other	Sulfur dioxide	61.87	0	0.00	N/A
Grape	Aggregated adjuvant data	14.08	3	102.00	A
Grape	Sulfur	120.80	3	102.00	A
Grape, Wine	4-nonylphenol, formaldehyde resin, propoxylated	345.58	68	2,350.79	A
Grape, Wine	Abamectin	36.01	58	2,243.59	A
Grape, Wine	Acetamiprid	39.81	14	663.53	A
Grape, Wine	Aggregated adjuvant data	3,894.68	661	16,721.13	A
Grape, Wine	Alcohols, c12-14-secondary, ethoxylated	688.58	169	4,458.28	A
Grape, Wine	Alkyl (c8,c10) polyglucoside	446.81	106	1,700.93	A
Grape, Wine	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	6,210.85	495	15,929.32	A
Grape, Wine	Alpha-pinene-beta-pinene copolymer	70.92	18	317.16	A
Grape, Wine	Ammonium nitrate	244.76	83	1,110.31	A
Grape, Wine	Ammonium sulfate	1,462.39	182	2,472.00	A
Grape, Wine	Bacillus altitudinis strain: qst 2808	73.07	37	608.79	A
Grape, Wine	Bacillus amyloliquefaciens strain: f727	68.37	2	17.00	A
Grape, Wine	Bacillus subtilis subspecies subtilis strain: iab/bs03	0.32	1	28.46	A
Grape, Wine	Bacillus velensis strain: qst 713	0.40	3	45.00	A
Grape, Wine	Benzovindiflupyr	4.50	0	64.00	A
Grape, Wine	Bifenazate	155.62	11	320.73	A
Grape, Wine	Boscalid	45.45	4	207.00	A
Grape, Wine	Buprofezin	15.31	1	35.00	A
Grape, Wine	Burkholderia rinojensis strain a396	73.57	2	17.00	A
Grape, Wine	Carfentrazone-ethyl	14.53	25	883.25	A
Grape, Wine	Castor oil ethoxylate	75.60	20	375.48	A
Grape, Wine	Cerevisane (cell walls of saccharomyces cerevisiae strain las117)	181.27	7	890.80	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, Wine	Chromobacterium subtsugae strain: praa4-1	10.20	2	17.00	A
Grape, Wine	Citric acid	487.00	114	3,103.98	A
Grape, Wine	Clothianidin	23.16	36	232.38	A
Grape, Wine	Copper hydroxide	749.61	106	3,438.08	A
Grape, Wine	Copper oxychloride	830.88	106	3,438.08	A
Grape, Wine	Cuprous oxide	90.82	2	102.00	A
Grape, Wine	Cyflufenamid	161.13	149	5,658.60	A
Grape, Wine	Cyflumetofen	141.51	46	787.85	A
Grape, Wine	Cyprodinil	99.37	31	521.65	A
Grape, Wine	Difenoconazole	10.68	17	357.53	A
Grape, Wine	Dimethylpolysiloxane	2.08	80	2,453.79	A
Grape, Wine	Dinotefuran	40.16	5	217.27	A
Grape, Wine	Diphacinone	0.08	27	3,011.86	A
Grape, Wine	Etoxazole	109.41	29	1,060.83	A
Grape, Wine	Fenhexamid	97.19	4	212.33	A
Grape, Wine	Flazasulfuron	13.14	19	325.25	A
Grape, Wine	Fluazifop-p-butyl	97.71	12	268.60	A
Grape, Wine	Fludioxonil	18.11	9	85.40	A
Grape, Wine	Flumioxazin	727.47	155	2,610.62	A
Grape, Wine	Fluopyram	41.85	15	410.33	A
Grape, Wine	Flutianil	15.68	17	741.65	A
Grape, Wine	Flutriafol	218.15	94	2,717.46	A
Grape, Wine	Glufosinate-ammonium	4,240.70	206	4,549.34	A
Grape, Wine	Glycerol	34.70	33	362.19	A
Grape, Wine	Glyphosate, isopropylamine salt	5,079.15	166	3,021.52	A
Grape, Wine	Glyphosate, potassium salt	1,590.73	64	726.37	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, Wine	Heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	3.13	5	47.43	A
Grape, Wine	Hexythiazox	101.93	9	650.16	A
Grape, Wine	Hydrogen peroxide	144.42	3	40.00	A
Grape, Wine	Imidacloprid	627.39	143	4,431.19	A
Grape, Wine	Indaziflam	123.18	124	2,225.04	A
Grape, Wine	Isoxaben	2.68	1	5.18	A
Grape, Wine	Kaolin	846.02	7	58.69	A
Grape, Wine	Lecithin	805.23	109	2,099.82	A
Grape, Wine	Lime-sulfur	4,016.74	11	156.20	A
Grape, Wine	Mefentrifluconazole	62.61	7	527.22	A
Grape, Wine	Methoxyfenozide	146.98	5	694.00	A
Grape, Wine	Methylated soybean oil	623.74	116	2,384.92	A
Grape, Wine	Metrafenone	1,007.05	91	3,571.28	A
Grape, Wine	Mineral oil	47,624.57	353	10,062.84	A
Grape, Wine	Myclobutanil	665.12	184	5,851.91	A
Grape, Wine	N,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	17.62	12	134.94	A
Grape, Wine	Oxyfluorfen	268.67	45	502.14	A
Grape, Wine	Pendimethalin	326.28	5	101.99	A
Grape, Wine	Peroxyacetic acid	10.66	3	40.00	A
Grape, Wine	Polyacrylamide	3.53	37	327.97	A
Grape, Wine	Polyethylene glycol	1,276.27	299	10,583.44	A
Grape, Wine	Polyoxin d, zinc salt	0.88	1	20.00	A
Grape, Wine	Potassium bicarbonate	614.03	16	211.97	A
Grape, Wine	Pseudomonas chlororaphis subsp. aurantiaca strain: afs009	21.00	1	3.50	A
Grape, Wine	Pyraclostrobin	23.08	4	207.00	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, Wine	Pyraflufen-ethyl	2.94	37	625.13	A
Grape, Wine	Pyrethrins	124.32	146	4,941.72	A
Grape, Wine	Pyrimethanil	54.45	6	162.50	A
Grape, Wine	Pyriofenone	143.74	30	1,484.15	A
Grape, Wine	Quillaja	33.62	2	79.82	A
Grape, Wine	Quinoxifen	453.06	112	3,984.98	A
Grape, Wine	Reynoutria sachalinensis (giant knotweed) plant extract	20.75	7	55.58	A
Grape, Wine	Rimsulfuron	26.11	73	575.01	A
Grape, Wine	Sulfur	285,878.12	994	36,290.54	A
Grape, Wine	Tall oil fatty acids	1,324.03	314	10,892.51	A
Grape, Wine	Tebuconazole	23.65	9	247.83	A
Grape, Wine	Tetraconazole	22.44	25	556.00	A
Grape, Wine	Thiamethoxam	98.19	13	739.56	A
Grape, Wine	Thiophanate-methyl	2,037.95	68	1,945.62	A
Landscape Maintenance	2,4-d, 2-ethylhexyl ester	0.78	1	4.00	A
Landscape Maintenance	2,4-dp-p, 2-ethylhexyl ester	0.45	1	4.00	A
Landscape Maintenance	Abamectin	< 0.01	0	0.00	N/A
Landscape Maintenance	Aggregated adjuvant data	7.40	1	8.00	A
Landscape Maintenance	Aggregated adjuvant data	131.57	0	0.00	N/A
Landscape Maintenance	Aminopyralid, triisopropanolamine salt	3.35	0	0.00	N/A
Landscape Maintenance	Azoxystrobin	1.00	0	0.00	N/A
Landscape Maintenance	Benzovindiflupyr	3.69	1	55.00	A
Landscape Maintenance	Beta-cyfluthrin	0.07	0	0.00	N/A
Landscape Maintenance	Bromethalin	< 0.01	0	0.00	N/A
Landscape Maintenance	Carfentrazone-ethyl	0.04	1	4.00	A
Landscape Maintenance	Chlorantraniliprole	0.52	0	0.00	N/A
Landscape Maintenance	Chlorothalonil	9.35	1	2.00	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape Maintenance	Chlorothalonil	162.91	0	0.00	N/A
Landscape Maintenance	Chlorsulfuron	184.69	0	0.00	N/A
Landscape Maintenance	Clethodim	1.20	0	0.00	N/A
Landscape Maintenance	Clopyralid, monoethanolamine salt	0.23	0	0.00	N/A
Landscape Maintenance	Copper hydroxide	0.30	0	0.00	N/A
Landscape Maintenance	Copper oxychloride	0.33	0	0.00	N/A
Landscape Maintenance	Cuprous oxide	0.21	0	0.00	N/A
Landscape Maintenance	Deltamethrin	0.27	0	0.00	N/A
Landscape Maintenance	Dicamba	9.16	11	78.00	A
Landscape Maintenance	Difenoconazole	12.31	1	55.00	A
Landscape Maintenance	Diphacinone	0.04	0	0.00	N/A
Landscape Maintenance	Diquat dibromide	7.46	1	8.00	A
Landscape Maintenance	Diquat dibromide	0.01	0	0.00	N/A
Landscape Maintenance	Disodium octaborate tetrahydrate	0.22	0	0.00	N/A
Landscape Maintenance	Dithiopyr	52.84	0	0.00	N/A
Landscape Maintenance	Diuron	1,702.39	0	0.00	N/A
Landscape Maintenance	Ethephon	2.89	0	0.00	N/A
Landscape Maintenance	Fluazifop-p-butyl	3.36	11	72.65	A
Landscape Maintenance	Flumioxazin	478.99	0	0.00	N/A
Landscape Maintenance	Foramsulfuron	2.36	11	76.65	A
Landscape Maintenance	Glufosinate-ammonium	0.42	0	0.00	N/A
Landscape Maintenance	Glyphosate, isopropylamine salt	18.08	3	9.25	A
Landscape Maintenance	Glyphosate, isopropylamine salt	3,245.27	0	0.00	N/A
Landscape Maintenance	Glyphosate, monoammonium salt	0.37	0	0.00	N/A
Landscape Maintenance	Glyphosate, potassium salt	0.86	1	10,300.00	S
Landscape Maintenance	Glyphosate, potassium salt	18.06	0	0.00	N/A
Landscape Maintenance	Halosulfuron-methyl	3.31	10	72.65	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape Maintenance	Imidacloprid	1.92	0	0.00	N/A
Landscape Maintenance	Indoxacarb	0.45	2	8.00	A
Landscape Maintenance	Indoxacarb	0.38	0	0.00	N/A
Landscape Maintenance	Iodosulfuron-methyl-sodium	0.30	10	74.00	A
Landscape Maintenance	Iprodione	12.63	0	0.00	N/A
Landscape Maintenance	Isoxaben	0.60	0	0.00	N/A
Landscape Maintenance	Mineral oil	540.67	0	0.00	N/A
Landscape Maintenance	Myclobutanil	0.07	0	0.00	N/A
Landscape Maintenance	Oxyfluorfen	239.83	0	0.00	N/A
Landscape Maintenance	Pendimethalin	94.06	0	0.00	N/A
Landscape Maintenance	Prodiamine	0.20	0	0.00	N/A
Landscape Maintenance	Propiconazole	3.28	0	0.00	N/A
Landscape Maintenance	Pyriproxyfen	< 0.01	0	0.00	N/A
Landscape Maintenance	Strychnine	0.02	0	0.00	N/A
Landscape Maintenance	Tebuconazole	4.34	0	0.00	N/A
Landscape Maintenance	Thiencarbazone-methyl	2.45	20	146.65	A
Landscape Maintenance	Thiophanate-methyl	39.15	0	0.00	N/A
Landscape Maintenance	Triclopyr, butoxyethyl ester	61.94	0	0.00	N/A
Landscape Maintenance	Triclopyr, triethylamine salt	26.05	0	0.00	N/A
Landscape Maintenance	Trinexapac-ethyl	0.34	4	14.00	A
Landscape Maintenance	Trinexapac-ethyl	1.20	0	0.00	N/A
Landscape Maintenance	Zinc phosphide	0.22	0	0.00	N/A
Oat (Forage - Fodder)	Aggregated adjuvant data	2.64	1	20.00	A
Oat (Forage - Fodder)	Carfentrazone-ethyl	0.44	1	20.00	A
Oat (Forage - Fodder)	Diphacinone	< 0.01	3	25.50	A
Olive	Spinosad	< 0.01	2	9.20	A
Pastureland	Aggregated adjuvant data	0.86	4	1.00	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pastureland	Aminopyralid, triisopropanolamine salt	0.90	1	10.00	A
Pastureland	Glyphosate, isopropylamine salt	18.83	9	51.00	A
Peach	Cuprous oxide	0.42	1	0.50	A
Pear	(e,e)-8,10-dodecadien-1-ol	40.38	19	536.50	A
Pear	1-naphthaleneacetic acid, potassium salt	68.49	32	662.31	A
Pear	2,4-d, dimethylamine salt	163.35	7	121.63	A
Pear	Abamectin	21.84	40	1,068.51	A
Pear	Acrylic acid-butyl acrylate-styrene copolymer	15.87	4	38.00	A
Pear	Aggregated adjuvant data	1,761.15	132	1,901.00	A
Pear	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	1,413.84	75	1,294.54	A
Pear	Alpha-pinene-beta-pinene copolymer	3.72	2	27.70	A
Pear	Aminoethoxyvinylglycine hydrochloride	8.69	7	79.20	A
Pear	Ammonium 1-naphthaleneacetate	33.24	15	371.50	A
Pear	Ammonium sulfate	28.39	17	123.97	A
Pear	Bacillus amyloliquefaciens strain: f727	144.77	6	72.00	A
Pear	Bacillus thuringiensis subsp. kurstaki strain: abts-351	91.75	6	103.00	A
Pear	Bacillus thuringiensis subsp. kurstaki strain: sa-12	99.98	8	76.00	A
Pear	Bacillus velezensis strain: qst 713	12.21	27	229.50	A
Pear	Bacillus velezensis strain: d747	137.89	10	62.50	A
Pear	Bifenazate	94.52	8	244.70	A
Pear	Buprofezin	262.50	7	202.50	A
Pear	Burkholderia rinojensis strain a396	325.70	7	69.00	A
Pear	Calcium oxytetracycline	480.84	162	4,635.00	A
Pear	Carfentrazone-ethyl	0.73	1	50.00	A
Pear	Chlorantraniliprole	18.26	8	187.00	A
Pear	Chromobacterium subtsugae strain: praa4-1	64.80	6	72.00	A
Pear	Citric acid	12.42	14	107.10	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pear	Clethodim	20.82	17	171.46	A
Pear	Copper hydroxide	331.34	46	550.01	A
Pear	Copper octanoate	10.68	5	29.00	A
Pear	Copper oxychloride	1,378.57	56	795.51	A
Pear	Copper sulfate (basic)	207.21	14	309.50	A
Pear	Cyantraniliprole	5.54	6	100.50	A
Pear	Cydia pomonella granulosus virus	0.04	18	184.00	A
Pear	Cyflumetofen	1.83	1	12.50	A
Pear	Cyprodinil	32.41	17	463.51	A
Pear	Diazinon	267.88	9	230.50	A
Pear	Difenoconazole	2.96	15	361.51	A
Pear	Diphacinone	< 0.01	3	47.00	A
Pear	Diuron	1,118.99	10	174.47	A
Pear	Dodine	395.20	12	304.00	A
Pear	E-8-dodecenyl acetate	2.61	17	478.50	A
Pear	Esfenvalerate	0.79	2	44.00	A
Pear	Fenpropathrin	1.58	1	4.00	A
Pear	Flumioxazin	14.90	1	50.00	A
Pear	Fosetyl-al	30.80	3	21.00	A
Pear	Glufosinate-ammonium	317.62	24	297.06	A
Pear	Glyphosate, isopropylamine salt	931.70	51	566.44	A
Pear	Glyphosate, potassium salt	203.08	7	138.00	A
Pear	Heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	2.62	2	19.45	A
Pear	Indaziflam	7.14	15	146.59	A
Pear	Kasugamycin hydrochloride	38.61	16	386.00	A
Pear	Kresoxim-methyl	19.16	6	98.00	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pear	Lime-sulfur	4,545.76	23	298.00	A
Pear	Mancozeb	6,045.75	58	1,381.00	A
Pear	Methoxyfenozide	240.48	35	919.01	A
Pear	Mineral oil	108,353.29	261	5,428.33	A
Pear	N,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	0.86	2	16.75	A
Pear	N6-benzyl adenine	7.07	15	283.00	A
Pear	Oxyfluorfen	114.06	19	166.10	A
Pear	Oxytetracycline hydrochloride	260.52	71	1,430.31	A
Pear	Oxytetracycline hydrochloride, other related	2.41	71	1,430.31	A
Pear	Pendimethalin	372.31	12	136.88	A
Pear	Penoxsulam	0.41	1	15.20	A
Pear	Penthiopyrad	10.40	2	40.00	A
Pear	Potassium laurate	239.54	7	76.00	A
Pear	Pseudomonas fluorescens, strain a506	12.65	18	109.50	A
Pear	Pyraflufen-ethyl	0.42	4	45.20	A
Pear	Pyrethrins	1.23	2	26.00	A
Pear	Reynoutria sachalinensis (giant knotweed) plant extract	4.07	6	37.50	A
Pear	Rimsulfuron	11.60	31	265.48	A
Pear	Simazine	78.66	4	27.25	A
Pear	Spinetoram	46.41	19	432.64	A
Pear	Spinosad	24.35	15	157.00	A
Pear	Streptomycin sulfate	763.78	217	5,661.30	A
Pear	Sulfur	10,492.05	36	830.01	A
Pear	Tall oil fatty acids	61.08	27	402.36	A
Pear	Triflumizole	172.73	15	453.50	A
Pear	Z-8-dodecenol	0.46	17	478.50	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pear	Z-8-dodecenyl acetate	41.02	17	478.50	A
Pear	Ziram	7,375.12	67	1,712.20	A
Public Health	Acid blue 9, diammonium salt	1.45	0	0.00	N/A
Public Health	Bacillus sphaericus 2362 serotype h5a5b strain: abts 1743	5.51	0	0.00	N/A
Public Health	Bacillus thuringiensis subsp. israelensis strain: am 65-52	9.19	0	0.00	N/A
Public Health	Deltamethrin	0.03	0	0.00	N/A
Public Health	Methoprene	0.08	0	0.00	N/A
Public Health	Permethrin	70.88	0	0.00	N/A
Public Health	Piperonyl butoxide	213.58	0	0.00	N/A
Public Health	Pyrethrins	0.09	0	0.00	N/A
Public Health	S-methoprene	0.54	0	0.00	N/A
Public Health	Silica gel	3.75	0	0.00	N/A
Public Health	Spinosad	16.00	0	0.00	N/A
Public Health	Tartrazine	0.12	0	0.00	N/A
Rangeland	Diphacinone	< 0.01	17	56.80	A
Rangeland	Diuron	10.01	2	14.00	A
Rangeland	Glyphosate, isopropylamine salt	13.00	4	24.00	A
Regulatory Pest Control	Fluridone	326.23	0	0.00	N/A
Rights Of Way	Aggregated adjuvant data	0.14	1	2.00	A
Rights Of Way	Aggregated adjuvant data	177.12	0	0.00	N/A
Rights Of Way	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	5.60	0	0.00	N/A
Rights Of Way	Alpha-undecyl-omega-hydroxypoly(oxyethylene)	28.50	0	0.00	N/A
Rights Of Way	Aminocyclopyrachlor, potassium salt	14.58	0	0.00	N/A
Rights Of Way	Aminopyralid, triisopropanolamine salt	1.65	0	0.00	N/A
Rights Of Way	Bifenthrin	0.03	2	2.00	A
Rights Of Way	Bifenthrin	0.27	0	0.00	N/A
Rights Of Way	Chlorsulfuron	14.82	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights Of Way	Copper carbonate, basic	177.14	0	0.00	N/A
Rights Of Way	Copper ethanolamine complexes, mixed	4.88	0	0.00	N/A
Rights Of Way	Copper hydroxide	43.04	0	0.00	N/A
Rights Of Way	Diethylene glycol	1.73	0	0.00	N/A
Rights Of Way	Dimethylpolysiloxane	0.04	0	0.00	N/A
Rights Of Way	Diphacinone	< 0.01	4	4.50	A
Rights Of Way	Disodium octaborate anhydrous	64.26	0	0.00	N/A
Rights Of Way	Disodium octaborate tetrahydrate	4.17	0	0.00	N/A
Rights Of Way	Dithiopyr	28.22	0	0.00	N/A
Rights Of Way	Flumioxazin	3.88	0	0.00	N/A
Rights Of Way	Glyphosate, dimethylamine salt	20.48	0	0.00	N/A
Rights Of Way	Glyphosate, isopropylamine salt	57.26	7	102.00	A
Rights Of Way	Glyphosate, isopropylamine salt	588.60	0	0.00	N/A
Rights Of Way	Glyphosate, potassium salt	437.75	0	0.00	N/A
Rights Of Way	Imazapyr, isopropylamine salt	10.08	0	0.00	N/A
Rights Of Way	Indaziflam	14.21	0	0.00	N/A
Rights Of Way	Isoxaben	30.53	0	0.00	N/A
Rights Of Way	Lecithin	48.21	0	0.00	N/A
Rights Of Way	Metam-sodium	845.49	0	0.00	N/A
Rights Of Way	Methylated soybean oil	0.07	1	2.00	A
Rights Of Way	Methylated soybean oil	140.40	0	0.00	N/A
Rights Of Way	Oxyfluorfen	31.04	0	0.00	N/A
Rights Of Way	Penoxsulam	0.65	0	0.00	N/A
Rights Of Way	Permethrin	1.32	0	0.00	N/A
Rights Of Way	Rimsulfuron	0.96	0	0.00	N/A
Rights Of Way	Sodium tetraborate decahydrate	5,078.39	0	0.00	N/A
Rights Of Way	Sulfometuron-methyl	0.44	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights Of Way	Tall oil fatty acids	0.02	1	2.00	A
Rights Of Way	Tall oil fatty acids	3.22	0	0.00	N/A
Rights Of Way	Triclopyr choline	6.36	0	0.00	N/A
Rights Of Way	Triclopyr, butoxyethyl ester	0.74	0	0.00	N/A
Rights Of Way	Triclopyr, triethylamine salt	136.74	0	0.00	N/A
Strawberry	Cyflumetofen	0.13	1	1.00	A
Strawberry	Glyphosate, isopropylamine salt	0.94	1	1.00	A
Structural Pest Control	Abamectin	< 0.01	0	0.00	N/A
Structural Pest Control	Abamectin, other related	< 0.01	0	0.00	N/A
Structural Pest Control	Alkyl* dimethyl benzyl ammonium chloride *(50%c14, 40%c12, 10%c16)	< 0.01	0	0.00	N/A
Structural Pest Control	Alpha-cypermethrin	3.00	0	0.00	N/A
Structural Pest Control	Beauveria bassiana strain: gha	0.07	0	0.00	N/A
Structural Pest Control	Beta-cyfluthrin	1.21	0	0.00	N/A
Structural Pest Control	Bifenthrin	1,548.65	0	0.00	N/A
Structural Pest Control	Boric acid	26.84	0	0.00	N/A
Structural Pest Control	Bromadiolone	0.01	0	0.00	N/A
Structural Pest Control	Bromethalin	0.09	0	0.00	N/A
Structural Pest Control	Chlorfenapyr	3.81	0	0.00	N/A
Structural Pest Control	Chlorophacinone	0.04	0	0.00	N/A
Structural Pest Control	Chlorothalonil	< 0.01	0	0.00	N/A
Structural Pest Control	Cholecalciferol	0.17	0	0.00	N/A
Structural Pest Control	Clopyralid, monoethanolamine salt	0.05	0	0.00	N/A
Structural Pest Control	Clothianidin	< 0.01	0	0.00	N/A
Structural Pest Control	Cyfluthrin	0.01	0	0.00	N/A
Structural Pest Control	Cypermethrin	1,002.22	0	0.00	N/A
Structural Pest Control	D-trans allethrin	0.03	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural Pest Control	Ddvp	0.03	0	0.00	N/A
Structural Pest Control	Ddvp, other related	< 0.01	0	0.00	N/A
Structural Pest Control	Deltamethrin	25.29	0	0.00	N/A
Structural Pest Control	Didecyl dimethyl ammonium chloride	< 0.01	0	0.00	N/A
Structural Pest Control	Difethialone	< 0.01	0	0.00	N/A
Structural Pest Control	Dinotefuran	13.22	0	0.00	N/A
Structural Pest Control	Diphacinone	0.05	0	0.00	N/A
Structural Pest Control	Disodium octaborate tetrahydrate	53.38	0	0.00	N/A
Structural Pest Control	Esfenvalerate	207.88	0	0.00	N/A
Structural Pest Control	Etofenprox	1.52	0	0.00	N/A
Structural Pest Control	Fipronil	63.26	0	0.00	N/A
Structural Pest Control	Flumioxazin	0.01	0	0.00	N/A
Structural Pest Control	Gamma-cyhalothrin	0.89	0	0.00	N/A
Structural Pest Control	Glyphosate, isopropylamine salt	272.94	0	0.00	N/A
Structural Pest Control	Hydramethylnon	0.10	0	0.00	N/A
Structural Pest Control	Hydroprene	0.98	0	0.00	N/A
Structural Pest Control	Hypochlorous acid	< 0.01	0	0.00	N/A
Structural Pest Control	Imidacloprid	5.37	0	0.00	N/A
Structural Pest Control	Indoxacarb	0.02	0	0.00	N/A
Structural Pest Control	Isopropyl alcohol	0.04	0	0.00	N/A
Structural Pest Control	Lambda-cyhalothrin	4.68	0	0.00	N/A
Structural Pest Control	Limonene	0.82	0	0.00	N/A
Structural Pest Control	Metofluthrin	< 0.01	0	0.00	N/A
Structural Pest Control	Muscalure	0.02	0	0.00	N/A
Structural Pest Control	N-octyl bicycloheptene dicarboximide	0.80	0	0.00	N/A
Structural Pest Control	Novaluron	0.01	0	0.00	N/A
Structural Pest Control	Permethrin	251.60	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural Pest Control	Phenothrin	0.13	0	0.00	N/A
Structural Pest Control	Piperonyl butoxide	273.95	0	0.00	N/A
Structural Pest Control	Piperonyl butoxide, other related	0.27	0	0.00	N/A
Structural Pest Control	Prallethrin	52.35	0	0.00	N/A
Structural Pest Control	Pyrethrins	0.37	0	0.00	N/A
Structural Pest Control	Pyriproxyfen	1.30	0	0.00	N/A
Structural Pest Control	S-methoprene	0.02	0	0.00	N/A
Structural Pest Control	Silica gel	0.07	0	0.00	N/A
Structural Pest Control	Sodium tetraborate decahydrate	0.27	0	0.00	N/A
Structural Pest Control	Sulfuryl fluoride	161.68	0	0.00	N/A
Structural Pest Control	Thiamethoxam	< 0.01	0	0.00	N/A
Uncultivated Ag	Aggregated adjuvant data	0.30	4	15.52	A
Uncultivated Ag	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	2.20	3	13.32	A
Uncultivated Ag	Flumioxazin	0.07	1	2.20	A
Uncultivated Ag	Glyphosate, isopropylamine salt	28.87	8	19.02	A
Uncultivated Ag	Isoxaben	3.14	1	6.10	A
Uncultivated Ag	Lime-sulfur	102.95	1	3.35	A
Uncultivated Ag	Pendimethalin	22.73	1	2.20	A
Uncultivated Ag	Polyethylene glycol	1.11	3	13.32	A
Uncultivated Non-Ag	Aggregated adjuvant data	10.44	0	15.00	A
Uncultivated Non-Ag	Aminocyclopyrachlor, potassium salt	1.73	0	15.00	A
Uncultivated Non-Ag	Aminopyralid, triisopropanolamine salt	1.36	7	12.00	A
Uncultivated Non-Ag	Chlorsulfuron	0.58	0	15.00	A
Uncultivated Non-Ag	Clethodim	13.34	35	85.58	A
Uncultivated Non-Ag	Dithiopyr	1.38	0	15.00	A
Uncultivated Non-Ag	Glyphosate, isopropylamine salt	21.84	7	28.60	A
Uncultivated Non-Ag	Imazapyr, isopropylamine salt	0.32	2	8.00	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Uncultivated Non-Ag	Indaziflam	0.73	0	15.00	A
Uncultivated Non-Ag	Isoxaben	1.94	0	15.00	A
Vertebrate Control	Bromethalin	< 0.01	0	0.00	N/A
Vertebrate Control	Diphacinone	0.02	0	0.00	N/A
Vertebrate Control	Diphacinone, sodium salt	< 0.01	0	0.00	N/A
Vertebrate Control	Zinc phosphide	0.17	0	0.00	N/A
Walnut	Aggregated adjuvant data	108.63	18	272.50	A
Walnut	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	3.44	2	45.00	A
Walnut	Ammonium sulfate	35.96	6	97.50	A
Walnut	Capric acid	9.60	2	28.00	A
Walnut	Caprylic acid	14.10	2	28.00	A
Walnut	Copper hydroxide	19.34	2	12.00	A
Walnut	Copper oxychloride	21.44	2	12.00	A
Walnut	Diphacinone	0.06	16	138.50	A
Walnut	Esfenvalerate	1.66	2	20.00	A
Walnut	Glufosinate-ammonium	30.80	3	52.50	A
Walnut	Glyphosate, isopropylamine salt	263.72	15	167.80	A
Walnut	Glyphosate, potassium salt	110.33	1	25.00	A
Walnut	Indaziflam	3.97	4	73.00	A
Walnut	Kaolin	28.02	2	28.00	A
Walnut	Kasugamycin hydrochloride	2.50	1	25.00	A
Walnut	Mancozeb	45.00	1	25.00	A
Walnut	Oxyfluorfen	44.55	6	91.50	A
Walnut	Rimsulfuron	4.64	5	80.50	A
Walnut	Spinosad	3.41	16	221.00	A
Water (Industrial)	Aggregated adjuvant data	3.40	0	7.50	A
Water (Industrial)	Copper ethanolamine complexes, mixed	56.39	0	18.00	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Water (Industrial)	Copper sulfate (pentahydrate)	4.07	0	4.50	A
Water (Industrial)	Copper triethanolamine complex	36.82	0	11.00	A
Water (Industrial)	Diquat dibromide	22.37	0	5.00	A
Water (Industrial)	Endothall, dipotassium salt	29.61	0	7.50	A
Water (Industrial)	Glyphosate, isopropylamine salt	10.76	0	3.00	A
Water (Industrial)	Hydrogen peroxide	53.23	0	12.00	A
Water (Industrial)	Peroxyacetic acid	12.27	0	12.00	A
Water Area	Acid blue 9, diammonium salt	2.33	1	0.50	A
Water Area	Aggregated adjuvant data	1.02	0	1.50	A
Water Area	Copper ethanolamine complexes, mixed	9.53	0	5.25	A
Water Area	Diquat dibromide	119.33	0	23.00	A
Water Area	Endothall, dipotassium salt	5,722.82	0	210.25	A
Water Area	Endothall, mono(n,n-dimethylalkylamine) salt	2.13	0	2.00	A
Water Area	Flumioxazin	0.81	1	3.25	A
Water Area	Hydrogen peroxide	265.71	0	148.21	U
Water Area	Peroxyacetic acid	181.17	0	148.21	U
Water Area	Tartrazine	0.19	1	0.50	A
Water Area	Triclopyr, triethylamine salt	1.73	0	1.50	A
Water Area	Triclopyr, triethylamine salt	6.75	0	54,631.00	S