

2022 Annual Statewide Pesticide Use Report Indexed by Commodity Sonoma 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.

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Animal premise	Bromadiolone	0.01	109	4,355,000.0	S
Animal premise	Bromadiolone	<0.01	N/A	583.0	U
Animal premise	Bromethalin	<0.01	16	560,000.0	S
Animal premise	Difethialone	<0.01	N/A	583.0	U
Apple	Acetamiprid	5.06	8	119.0	A
Apple	Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	0.14	2	3.0	A
Apple	Alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	1.66	7	17.5	A
Apple	Ammonium nitrate	0.02	2	3.0	A
Apple	Ammonium sulfate	0.45	2	3.0	A
Apple	Azadirachtin	1.25	2	3.0	A
Apple	Bacillus pumilus, strain qst 2808	0.42	2	3.5	A
Apple	Bacillus thuringiensis (berliner)	<0.01	8	0.8	A
Apple	Bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	788.23	108	783.7	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Apple	Calcium chloride	0.08	1	2.5	A
Apple	Capric acid	23.11	2	6.5	A
Apple	Caprylic acid	33.94	2	6.5	A
Apple	Carbaryl	3.01	1	1.0	A
Apple	Chlorantraniliprole	3.5	7	82.0	A
Apple	Citric acid	0.23	1	2.5	A
Apple	Copper ammonium complex	0.51	2	1.0	A
Apple	Copper hydroxide	138.89	18	141.1	A
Apple	Copper oxychloride	108.64	14	120.6	A
Apple	Cuprous oxide	5.32	4	2.2	A
Apple	Diazinon	22.0	4	10.0	A
Apple	Esfenvalerate	1.81	4	24.5	A
Apple	Glufosinate-ammonium	1.82	3	3.9	A
Apple	Glyphosate, potassium salt	4.14	1	10.0	A
Apple	Hydrogen peroxide	69.22	12	28.4	A
Apple	Kaolin	6,832.88	43	265.6	A
Apple	Lime-sulfur	7,808.02	132	905.0	A
Apple	Lime-sulfur	0.48	1	10.0	U
Apple	Mancozeb	288.0	14	154.0	A
Apple	Methoxyfenozide	4.66	4	30.0	A
Apple	Mineral oil	14,851.18	103	652.0	A
Apple	Mineral oil	0.67	1	10.0	U
Apple	Myclobutanil	6.4	12	97.5	A
Apple	Myrothecium verrucaria, dried fermentation solids & solubles, strain aarc-0255	36.0	1	4.0	A
Apple	Peroxyacetic acid	5.11	12	28.4	A
Apple	Petroleum oil, unclassified	70.37	1	2.0	A
Apple	Phosmet	0.7	1	1.3	A
Apple	Poly-i-para-menthene	0.01	1	1.0	A
Apple	Pyriproxyfen	1.4	2	15.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Apple	Spinetoram	1.78	4	17.0	A
Apple	Spinosad	39.72	30	217.2	A
Apple	Sulfur	7,004.99	151	1,007.3	A
Apple	Thiophanate-methyl	9.8	3	42.0	A
Arugula	Azadirachtin	0.04	30	11,411.0	S
Arugula	Bacillus pumilus, strain qst 2808	0.02	11	4,200.0	S
Arugula	Clarified hydrophobic extract of neem oil	0.49	13	4,750.0	S
Arugula	Qst 713 strain of dried bacillus subtilis	0.01	13	5,011.0	S
Arugula	Reynoutria sachalinensis	0.02	6	2,200.0	S
Basil, sweet	Azadirachtin	0.02	11	5,000.0	S
Basil, sweet	Bacillus pumilus, strain qst 2808	0.01	2	1,200.0	S
Basil, sweet	Clarified hydrophobic extract of neem oil	0.12	2	1,200.0	S
Basil, sweet	Qst 713 strain of dried bacillus subtilis	0.01	6	2,600.0	S
Basil, sweet	Reynoutria sachalinensis	0.01	2	600.0	S
Blueberry	Clarified hydrophobic extract of neem oil	1.43	3	2.25	A
Blueberry	Hydrogen peroxide	1.56	5	3.75	A
Blueberry	Peroxyacetic acid	0.11	5	3.75	A
Blueberry	Streptomyces lydicus wyec 108	<0.01	4	3.0	A
Cannabis (all or unspecified)	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	0.92	10	6.85	A
Cannabis (all or unspecified)	4-nonylphenol, formaldehyde resin, propoxylated	<0.01	2	3,952.0	S
Cannabis (all or unspecified)	Alkyl (c9-c11) oligomeric d-glucopyranoside	<0.01	2	3,952.0	S
Cannabis (all or unspecified)	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	<0.01	2	3,952.0	S
Cannabis (all or unspecified)	Alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	15.64	104	2,064,000.0	S
Cannabis (all or unspecified)	Azadirachtin	0.03	3	2.1	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Cannabis (all or unspecified)	Azadirachtin	3.71	396	2,069,046.0	S
Cannabis (all or unspecified)	Bacillus amyloliquefaciens strain d747	250.96	293	1,253,438.0	S
Cannabis (all or unspecified)	Bacillus amyloliquefaciens strain f727	21.99	10	71,800.0	S
Cannabis (all or unspecified)	Bacillus thuringiensis (berliner)	0.07	13	130,000.0	S
Cannabis (all or unspecified)	Bacillus thuringiensis (berliner), subsp. aizawai, serotype h-7	0.38	7	70,000.0	S
Cannabis (all or unspecified)	Bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	0.03	11	149,520.0	S
Cannabis (all or unspecified)	Bacillus thuringiensis (berliner), subsp. kurstaki strain sa-12	1.53	4	31,400.0	S
Cannabis (all or unspecified)	Bacillus thuringiensis, subsp. aizawai, strain abts-1857	2.59	3	2.4	A
Cannabis (all or unspecified)	Bacillus thuringiensis, subsp. aizawai, strain abts-1857	7.65	18	287,000.0	S
Cannabis (all or unspecified)	Bacillus thuringiensis, subsp. aizawai, strain sd-1372, lepidopteran active toxin(s)	1.88	25	371,000.0	S
Cannabis (all or unspecified)	Bacillus thuringiensis, subsp. israelensis, strain am 65-52	12.62	16	33,052.0	S
Cannabis (all or unspecified)	Bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	4.0	14	140,000.0	S
Cannabis (all or unspecified)	Bacillus thuringiensis, subsp. kurstaki, strain hd-1	0.05	1	10,000.0	S
Cannabis (all or unspecified)	Beauveria bassiana strain ant-03	0.15	3	0.03	A
Cannabis (all or unspecified)	Beauveria bassiana strain gha	0.05	1	2,300.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Cannabis (all or unspecified)	Beauveria bassiana strain ppri 5339	0.1	41	42,151.0	S
Cannabis (all or unspecified)	Burkholderia rinojensis strain a396	12.2	3	1.55	A
Cannabis (all or unspecified)	Burkholderia rinojensis strain a396	860.16	469	2,042,238.0	S
Cannabis (all or unspecified)	Canola oil	0.41	5	105,373.0	S
Cannabis (all or unspecified)	Capsicum oleoresin	0.26	13	175,773.0	S
Cannabis (all or unspecified)	Chromobacterium subtsugae strain praa4-1	1.56	2	1.3	A
Cannabis (all or unspecified)	Chromobacterium subtsugae strain praa4-1	17.77	50	690,700.0	S
Cannabis (all or unspecified)	Clarified hydrophobic extract of neem oil	6.4	40	15,725.0	S
Cannabis (all or unspecified)	Garlic	0.8	13	175,773.0	S
Cannabis (all or unspecified)	Hydrogen peroxide	9.15	8	93,000.0	S
Cannabis (all or unspecified)	Iba	0.2	269	129,120.0	S
Cannabis (all or unspecified)	Mineral oil	22.73	24	159,687.0	S
Cannabis (all or unspecified)	Naa	0.1	269	129,120.0	S
Cannabis (all or unspecified)	Peroxyacetic acid	1.98	8	93,000.0	S
Cannabis (all or unspecified)	Potash soap	138.75	1,119	1,282,163.0	S
Cannabis (all or unspecified)	Potassium bicarbonate	0.31	3	3,160.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Cannabis (all or unspecified)	Potassium phosphite	12.53	115	129,398.0	S
Cannabis (all or unspecified)	Potassium silicate	1.57	21	28,674.0	S
Cannabis (all or unspecified)	Pyrethrins	0.17	74	184,580.0	S
Cannabis (all or unspecified)	Qst 713 strain of dried bacillus subtilis	0.03	2	1.0	A
Cannabis (all or unspecified)	Qst 713 strain of dried bacillus subtilis	0.04	9	11,564.0	S
Cannabis (all or unspecified)	Reynoutria sachalinensis	1.28	4	2.9	A
Cannabis (all or unspecified)	Reynoutria sachalinensis	21.58	816	2,294,147.0	S
Cannabis (all or unspecified)	Saponin	0.22	23	78,882.0	S
Cannabis (all or unspecified)	Soybean oil	1.59	8	70,400.0	S
Cannabis (all or unspecified)	Spinosad	0.02	3	1.5	A
Cannabis (all or unspecified)	Sulfur	63.8	1,032	1,320,268.0	S
Cannabis (all or unspecified)	Triethanolamine oleate	<0.01	2	3,952.0	S
Cherry	Copper hydroxide	<0.01	1	0.1	A
Cherry	Copper oxychloride	<0.01	1	0.1	A
Cherry	Mineral oil	0.17	2	0.2	A
Chicory	Azadirachtin	0.04	15	10,400.0	S
Chicory	Bacillus pumilus, strain qst 2808	0.01	4	2,500.0	S
Chicory	Clarified hydrophobic extract of neem oil	0.7	10	6,800.0	S
Chicory	Qst 713 strain of dried bacillus subtilis	0.02	8	5,750.0	S
Chicory	Reynoutria sachalinensis	0.02	3	2,150.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Chinese amaranth (chinese spinach, tampala, yin choy)	Azadirachtin	<0.01	4	900.0	S
Chinese amaranth (chinese spinach, tampala, yin choy)	Bacillus pumilus, strain qst 2808	<0.01	3	600.0	S
Chinese amaranth (chinese spinach, tampala, yin choy)	Clarified hydrophobic extract of neem oil	0.07	3	700.0	S
Chinese amaranth (chinese spinach, tampala, yin choy)	Qst 713 strain of dried bacillus subtilis	<0.01	1	300.0	S
Commodity fumigation	Sulfur dioxide	61.1	N/A	N/A	N/A
Cucumber	Azadirachtin	<0.01	2	800.0	S
Cucumber	Bacillus pumilus, strain qst 2808	<0.01	1	400.0	S
Cucumber	Qst 713 strain of dried bacillus subtilis	<0.01	1	400.0	S
Dandelion green	Azadirachtin	<0.01	4	1,200.0	S
Dandelion green	Clarified hydrophobic extract of neem oil	0.08	2	800.0	S
Dandelion green	Qst 713 strain of dried bacillus subtilis	<0.01	2	400.0	S
Dandelion green	Reynoutria sachalinensis	0.01	2	800.0	S
Eggplant	Azadirachtin	<0.01	2	800.0	S
Eggplant	Bacillus pumilus, strain qst 2808	<0.01	1	400.0	S
Eggplant	Qst 713 strain of dried bacillus subtilis	<0.01	1	400.0	S
Farm/ag building	Bromadiolone	<0.01	N/A	4,081.0	U
Fava bean	Azadirachtin	0.01	12	3,600.0	S
Fava bean	Bacillus pumilus, strain qst 2808	0.01	7	2,100.0	S
Fava bean	Clarified hydrophobic extract of neem oil	0.28	9	2,700.0	S
Fava bean	Qst 713 strain of dried bacillus subtilis	<0.01	4	1,200.0	S
Fava bean	Reynoutria sachalinensis	<0.01	1	300.0	S
Forest, timberland	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	4.69	4	103.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Forest, timberland	Glyphosate, isopropylamine salt	120.28	4	103.0	A
Forest, timberland	Imazapyr, isopropylamine salt	81.22	7	106.58	A
Forest, timberland	Methylated soybean oil	42.17	4	103.0	A
Forest, timberland	Oxyfluorfen	137.53	4	103.0	A
Forest, timberland	Penoxsulam	2.9	4	103.0	A
Forest, timberland	Sulfometuron-methyl	7.5	4	103.0	A
Fumigation, other	Magnesium phosphide	0.71	N/A	N/A	N/A
Fumigation, other	Myclobutanil	0.13	1	1.0	A
Fumigation, other	Pyriofenone	0.08	1	1.0	A
Fumigation, other	Qst 713 strain of dried bacillus subtilis	0.44	1	1.0	A
Fumigation, other	Quinoxifen	0.1	1	1.0	A
Fumigation, other	Sulfur	3.6	1	1.0	A
Fumigation, other	Sulfur dioxide	13.4	1	13.54	?
Fumigation, other	Sulfur dioxide	9.9	1	10.0	U
Fumigation, other	Sulfur dioxide	10,812.42	N/A	N/A	N/A
Golf course turf	Carfentrazone-ethyl	0.01	N/A	70,000.0	S
Golf course turf	Chlorothalonil	30.7	N/A	300,000.0	S
Golf course turf	Clopyralid, monoethanolamine salt	0.09	N/A	150,000.0	S
Golf course turf	Fludioxonil	0.15	N/A	75,000.0	S
Golf course turf	Mineral oil	140.62	N/A	740,000.0	S
Golf course turf	Propiconazole	0.59	N/A	75,000.0	S
Grape	Alkyl (c8,c10) polyglucoside	2.53	2	9.44	A
Grape	Ammonium sulfate	6.4	2	9.44	A
Grape	Flumioxazin	3.16	1	8.26	A
Grape	Fluopyram	2.16	1	19.62	A
Grape	Glyphosate, isopropylamine salt	36.63	2	9.44	A
Grape	Imidacloprid	8.92	1	19.62	A
Grape	Mineral oil	1.81	1	1.18	A
Grape	Oxyfluorfen	15.48	1	8.26	A
Grape	Sulfur	847.58	5	98.1	A
Grape	Tebuconazole	2.16	1	19.62	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	22,189.42	4,559	92,726.9	A
Grape, wine	2-ethylhexyl sulfate, sodium salt	3.66	1	9.0	A
Grape, wine	4-nonylphenol, formaldehyde resin, propoxylated	1,870.74	1,141	26,380.91	A
Grape, wine	Abamectin	5.65	13	313.65	A
Grape, wine	Acetamiprid	289.75	179	4,037.35	A
Grape, wine	Alkyl (c8,c10) polyglucoside	2,423.97	737	10,563.78	A
Grape, wine	Alkyl benzene sulfonic acid	1.24	1	9.0	A
Grape, wine	Allethrin	0.11	3	34.0	A
Grape, wine	Allyloxypolyethylene glycol acetate	241.33	190	5,445.4	A
Grape, wine	Alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	36.38	216	2,792.4	A
Grape, wine	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	9,853.95	1,337	29,238.84	A
Grape, wine	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	60.35	108	477.38	A
Grape, wine	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	198.21	107	474.38	A
Grape, wine	Alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	16.38	43	610.48	A
Grape, wine	Alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	1,004.1	369	3,654.68	A
Grape, wine	Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	1,597.32	1,602	26,140.97	A
Grape, wine	Alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	4,974.11	2,789	43,227.82	A
Grape, wine	Alpha-alkylaryl-omega-hydroxypoly(oxyethylene)	0.43	3	12.0	A
Grape, wine	Alpha-isodecyl-omega-hydroxypoly(oxyethylene)	28.8	107	474.38	A
Grape, wine	Alpha-pinene beta-pinene copolymer	1,550.01	773	11,909.67	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	Alpha-undecyl-omega-hydroxypoly(oxyethylene)	8.42	9	52.98	A
Grape, wine	Aluminum phosphide	0.61	1	25.0	A
Grape, wine	Ammonium nitrate	4,926.27	2,090	31,314.07	A
Grape, wine	Ammonium sulfate	12,284.48	2,425	34,810.21	A
Grape, wine	Aureobasidium pullulans strain dsm 14940	2.73	4	18.4	A
Grape, wine	Aureobasidium pullulans strain dsm 14941	2.73	4	18.4	A
Grape, wine	Azadirachtin	1.47	5	41.8	A
Grape, wine	Azoxystrobin	678.61	192	4,044.06	A
Grape, wine	Bacillus amyloliquefaciens strain d747	2,370.29	49	503.26	A
Grape, wine	Bacillus amyloliquefaciens strain f727	4,019.32	55	588.99	A
Grape, wine	Bacillus amyloliquefaciens strain mbi 600	2.64	8	52.5	A
Grape, wine	Bacillus pumilus, strain qst 2808	686.84	703	7,859.3	A
Grape, wine	Bacillus subtilis strain iab/bs03	2.01	21	168.33	A
Grape, wine	Bacillus thuringiensis (berliner), subsp. aizawai, serotype h-7	0.38	1	3.7	A
Grape, wine	Bacillus thuringiensis (berliner), subsp. kurstaki, serotype 3a,3b	0.96	1	30.0	A
Grape, wine	Bacillus thuringiensis, subsp. aizawai, strain abts-1857	11.71	2	13.87	A
Grape, wine	Bacillus thuringiensis, subsp. aizawai, strain sd-1372, lepidopteran active toxin(s)	0.31	1	2.5	A
Grape, wine	Bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	234.28	8	276.3	A
Grape, wine	Bacteriophages active against xylella fastidiosa	<0.01	13	9.37	A
Grape, wine	Benzoic acid	67.02	1,236	14,283.32	A
Grape, wine	Benzovindiflupyr	339.34	197	4,578.19	A
Grape, wine	Beta-conglutin	307.86	51	582.37	A
Grape, wine	Beta-cyfluthrin	0.52	4	10.24	A
Grape, wine	Bifenazate	256.01	33	1,680.44	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	Boric acid	0.4	1	0.64	A
Grape, wine	Boscalid	1,390.83	223	5,493.41	A
Grape, wine	Buprofezin	67.07	3	127.76	A
Grape, wine	Burkholderia rinojensis strain a396	307.18	6	49.62	A
Grape, wine	Butyl alcohol	1,106.93	964	22,808.99	A
Grape, wine	Butyl lactate	652.19	313	10,622.93	A
Grape, wine	Calcium chloride	10.62	37	213.85	A
Grape, wine	Calcium hydroxide	13.18	2	9.89	A
Grape, wine	Calcium hypochlorite	1.38	2	11.5	A
Grape, wine	Capric acid	1,902.17	72	663.2	A
Grape, wine	Caprylic acid	2,793.87	74	674.7	A
Grape, wine	Carbo methoxy ether cellulose, sodium salt	5.11	106	1,122.19	A
Grape, wine	Carfentrazone-ethyl	123.75	698	6,046.7	A
Grape, wine	Castor oil ethoxylate	1,539.12	1,076	24,985.25	A
Grape, wine	Chlorantraniliprole	51.64	11	566.32	A
Grape, wine	Chlorpyrifos	0.53	5	80.5	A
Grape, wine	Chromobacterium subtsugae strain praa4-1	68.71	10	104.32	A
Grape, wine	Citric acid	66.64	89	567.31	A
Grape, wine	Clethodim	14.73	14	120.19	A
Grape, wine	Clothianidin	129.04	60	1,150.67	A
Grape, wine	Coal tar neutral oils and coal tar acid combinations	27.45	2	11.0	A
Grape, wine	Copper diammonium diacetate complex	0.12	2	0.4	A
Grape, wine	Copper hydroxide	4,063.27	765	15,642.8	A
Grape, wine	Copper oxychloride	4,072.95	738	14,889.32	A
Grape, wine	Copper salts of fatty and rosin acids	0.61	1	1.0	A
Grape, wine	Copper sulfate (basic)	237.65	16	588.6	A
Grape, wine	Corn syrup	1.24	2	24.0	A
Grape, wine	Cuprous oxide	11,394.42	646	12,815.75	A
Grape, wine	Cyflufenamid	757.29	1,062	25,418.8	A
Grape, wine	Cyflumetofen	51.04	25	284.89	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	Cyprodinil	6,163.06	1,366	28,583.31	A
Grape, wine	Diatomaceous earth	0.03	2	10.7	A
Grape, wine	Diazinon	3.5	1	1.5	A
Grape, wine	Dicloran	2.16	1	13.2	A
Grape, wine	Didecyl dimethyl ammonium chloride	0.09	2	2.0	A
Grape, wine	Difenoconazole	1,812.44	1,229	26,072.36	A
Grape, wine	Dimethyl alkyl tertiary amines	73.19	1,236	14,283.32	A
Grape, wine	Dimethyl silicone fluid emulsion	29.9	234	3,455.78	A
Grape, wine	Dimethylpolysiloxane	1,039.96	1,879	30,396.09	A
Grape, wine	Dinotefuran	280.4	103	2,961.6	A
Grape, wine	Diocetyl dimethyl ammonium chloride	0.06	2	2.0	A
Grape, wine	Diphacinone	0.01	1	11.62	A
Grape, wine	Diquat dibromide	4.66	1	4.32	A
Grape, wine	Ethylene glycol	0.83	3	4.5	A
Grape, wine	Etoxazole	58.63	27	489.84	A
Grape, wine	Fatty acids, c16-c18 and c18-unsaturated, methyl esters	47.99	107	474.38	A
Grape, wine	Fatty acids, methyl esters	1,007.8	55	716.2	A
Grape, wine	Fenhexamid	7,183.28	725	14,703.87	A
Grape, wine	Fenpropathrin	7.25	3	35.85	A
Grape, wine	Fenpyroximate	1.31	1	12.5	A
Grape, wine	Flazasulfuron	239.2	741	10,680.0	A
Grape, wine	Fluazifop-butyl	6.47	4	23.0	A
Grape, wine	Fluazifop-p-butyl	388.27	181	1,824.82	A
Grape, wine	Fludioxonil	1,059.25	317	5,583.49	A
Grape, wine	Flumioxazin	3,071.77	870	14,157.21	A
Grape, wine	Fluopyram	3,348.93	1,540	31,946.45	A
Grape, wine	Flupyradifurone	830.66	265	6,324.27	A
Grape, wine	Flutianil	65.77	99	3,155.17	A
Grape, wine	Flutriafol	826.72	450	10,280.98	A
Grape, wine	Garlic	1.26	7	61.22	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	Glufosinate-ammonium	14,678.02	1,793	17,121.11	A
Grape, wine	Glycerol	118.86	134	570.77	A
Grape, wine	Glyphosate, isopropylamine salt	13,321.34	942	6,961.05	A
Grape, wine	Glyphosate, potassium salt	32,302.26	1,342	26,913.87	A
Grape, wine	Heptamethyltrisiloxane ethoxylated	21.03	5	105.0	A
Grape, wine	Heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	91.12	72	2,639.83	A
Grape, wine	Hexythiazox	4.8	1	25.5	A
Grape, wine	Hydrogen peroxide	4,120.67	115	1,954.31	A
Grape, wine	Imidacloprid	2,377.22	313	6,260.74	A
Grape, wine	Indaziflam	353.01	916	7,861.8	A
Grape, wine	Iprodione	39.93	1	40.0	A
Grape, wine	Isopropyl alcohol	0.19	4	6.7	A
Grape, wine	Kaolin	9,667.68	84	800.54	A
Grape, wine	Kresoxim-methyl	259.95	94	2,119.45	A
Grape, wine	Lactic acid	0.28	1	9.0	A
Grape, wine	Laminarin	0.16	1	9.0	A
Grape, wine	Lavandulyl senecioate	367.05	568	16,308.05	A
Grape, wine	Lecithin	26.18	33	497.69	A
Grape, wine	Lime-sulfur	3,526.71	28	221.81	A
Grape, wine	Low molecular weight paraffinic oil	22.41	41	1,540.82	A
Grape, wine	Malathion	18.67	4	10.24	A
Grape, wine	Mancozeb	4.5	2	4.0	A
Grape, wine	Mefentrifluconazole	210.72	46	1,755.56	A
Grape, wine	Metaflumizone	0.63	31	667.02	A
Grape, wine	Methoxyfenozide	52.82	7	242.88	A
Grape, wine	Methyl silicone resins	48.32	40	204.06	A
Grape, wine	Methylated soybean oil	7,684.05	1,718	19,964.85	A
Grape, wine	Metrafenone	3,883.2	542	13,760.69	A
Grape, wine	Mineral oil	272,402.67	3,128	59,573.68	A
Grape, wine	Myclobutanil	563.76	353	6,256.21	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	Myrothecium verrucaria, dried fermentation solids & solubles, strain aarc-0255	1,171.16	14	165.13	A
Grape, wine	N,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	45.27	609	9,725.34	A
Grape, wine	N-octyl bicycloheptene dicarboximide	0.37	3	34.0	A
Grape, wine	Octyl decyl dimethyl ammonium chloride	0.15	2	2.0	A
Grape, wine	Oleic acid, ethyl ester	2,321.26	191	5,813.66	A
Grape, wine	Oleic acid, methyl ester	3,320.11	197	5,478.38	A
Grape, wine	Orthosulfamuron	154.92	89	923.19	A
Grape, wine	Oxyfluorfen	2,944.18	511	5,736.34	A
Grape, wine	Pendimethalin	3,856.32	249	3,870.94	A
Grape, wine	Peroxyacetic acid	258.94	108	1,724.99	A
Grape, wine	Petroleum distillates	44.48	3	34.0	A
Grape, wine	Petroleum oil, unclassified	0.88	1	1.0	A
Grape, wine	Phosphoric acid	145.27	54	971.96	A
Grape, wine	Piperonyl butoxide	0.18	3	34.0	A
Grape, wine	Piperonyl butoxide, other related	0.05	3	34.0	A
Grape, wine	Poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	146.77	377	4,681.81	A
Grape, wine	Poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	9.0	38	196.06	A
Grape, wine	Poly-i-para-menthene	285.65	97	1,304.5	A
Grape, wine	Polyacrylamide polymer	1.38	24	83.96	A
Grape, wine	Polyalkene oxide modified heptamethyl trisiloxane	11.72	32	582.83	A
Grape, wine	Polyalkyleneoxide modified polydimethyl-siloxane	877.3	185	3,654.35	A
Grape, wine	Polybutenes	1.03	2	29.03	A
Grape, wine	Polyether modified polysiloxane	7.44	13	26.96	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	Polyethoxylated castor oil	1,464.64	484	5,156.19	A
Grape, wine	Polyethylene glycol	167.1	142	3,183.55	A
Grape, wine	Polyethylene glycol diacetate	21.94	190	5,445.4	A
Grape, wine	Polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	1.29	12	37.4	A
Grape, wine	Polyethylene glycol stearate	580.32	191	5,813.66	A
Grape, wine	Polymerized pinene	15.15	17	96.94	A
Grape, wine	Polyoxin d, zinc salt	270.98	420	6,636.09	A
Grape, wine	Polyoxyethylene polyol fatty acid esters	1,099.32	387	3,886.73	A
Grape, wine	Polyoxyethylene sorbitan mixed fatty acid esters	11.03	5	143.4	A
Grape, wine	Polyoxyethylene sorbitan monolaurate	5,140.22	293	10,383.13	A
Grape, wine	Polypropylene glycol	0.57	17	243.84	A
Grape, wine	Potash soap	10.57	2	7.09	A
Grape, wine	Potassium bicarbonate	5,717.58	220	2,856.71	A
Grape, wine	Potassium hydroxide	162.56	3	36.0	A
Grape, wine	Potassium peroxymonosulfate	11.02	2	26.5	A
Grape, wine	Potassium phosphite	1.71	1	3.5	A
Grape, wine	Potassium silicate	34.25	4	29.98	A
Grape, wine	Propylene glycol	67.17	67	1,426.48	A
Grape, wine	Pydiflumetofen	532.0	254	4,216.27	A
Grape, wine	Pyraclostrobin	706.45	223	5,493.41	A
Grape, wine	Pyraflufen-ethyl	7.91	214	1,846.53	A
Grape, wine	Pyrethrins	5.72	43	162.47	A
Grape, wine	Pyrimethanil	2,016.11	249	6,045.45	A
Grape, wine	Pyriofenone	1,727.03	937	17,671.12	A
Grape, wine	Qst 713 strain of dried bacillus subtilis	3,971.24	1,100	13,141.07	A
Grape, wine	Quillaja	27.54	112	1,168.42	A
Grape, wine	Quinoxifen	3,983.77	1,767	39,458.59	A
Grape, wine	Resmethrin	0.11	5	80.5	A
Grape, wine	Reynoutria sachalinensis	472.28	264	2,275.28	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	Rimsulfuron	72.86	240	1,761.84	A
Grape, wine	Sethoxydim	105.4	49	540.51	A
Grape, wine	Silica filled polydimethylsiloxane	3.59	304	10,559.56	A
Grape, wine	Silicone	1.65	25	735.55	A
Grape, wine	Simazine	269.93	21	173.39	A
Grape, wine	Sodium bisulfate	48.52	10	123.2	A
Grape, wine	Sodium carbonate peroxyhydrate	42.5	1	1.0	A
Grape, wine	Sodium hydroxide	20.82	49	908.96	A
Grape, wine	Sodium hypochlorite	14.55	20	211.33	A
Grape, wine	Sorbitol	0.46	3	12.43	A
Grape, wine	Spinetoram	0.21	1	9.0	A
Grape, wine	Spinosad	2.1	13	145.7	A
Grape, wine	Spirotetramat	2,288.57	834	19,720.71	A
Grape, wine	Starch	0.01	6	27.0	A
Grape, wine	Strychnine	3.87	28	667.0	A
Grape, wine	Styrene butadiene copolymer	34.8	37	600.08	A
Grape, wine	Sulfoxaflor	72.32	43	870.27	A
Grape, wine	Sulfur	1,531,561.65	10,267	229,370.17	A
Grape, wine	Sulfur dioxide	3.47	N/A	258.0	U
Grape, wine	Tall oil	17.02	58	1,390.07	A
Grape, wine	Tall oil fatty acids	1,201.8	1,210	17,618.17	A
Grape, wine	Tebuconazole	2,434.53	1,140	23,763.46	A
Grape, wine	Tetraconazole	462.41	501	12,031.58	A
Grape, wine	Thiamethoxam	685.63	253	6,935.87	A
Grape, wine	Thiophanate-methyl	387.65	101	1,034.87	A
Grape, wine	Trichoderma icc 012 asperellum	19.47	78	1,012.69	A
Grape, wine	Trichoderma icc 080 gamsii	19.47	78	1,012.69	A
Grape, wine	Triclopyr choline	16.74	1	6.5	A
Grape, wine	Triclopyr, triethylamine salt	0.09	N/A	N/A	A
Grape, wine	Trifloxystrobin	1,465.15	601	13,542.37	A
Grape, wine	Triflumizole	216.0	53	1,137.68	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	Urea	106.93	107	474.38	A
Grape, wine	Xanthan gum	0.46	3	12.43	A
Grape, wine	Yucca schidigera	4.24	9	65.22	A
Grape, wine	Zinc 2-pyridinethiol-1-oxide	0.07	2	10.0	A
Herb, spice	Azadirachtin	0.15	30	41,100.0	S
Herb, spice	Bacillus pumilus, strain qst 2808	0.08	11	14,350.0	S
Herb, spice	Clarified hydrophobic extract of neem oil	2.91	22	28,200.0	S
Herb, spice	Magnesium phosphide	0.79	N/A	15,000.0	C
Herb, spice	Qst 713 strain of dried bacillus subtilis	0.06	13	18,250.0	S
Herb, spice	Reynoutria sachalinensis	0.11	6	8,500.0	S
Kale	Azadirachtin	0.01	15	3,250.0	S
Kale	Bacillus pumilus, strain qst 2808	<0.01	4	700.0	S
Kale	Clarified hydrophobic extract of neem oil	0.2	10	2,000.0	S
Kale	Qst 713 strain of dried bacillus subtilis	<0.01	6	1,450.0	S
Kale	Reynoutria sachalinensis	0.01	5	1,100.0	S
Landscape maintenance	2,4-d, 2-ethylhexyl ester	135.71	N/A	N/A	N/A
Landscape maintenance	2,4-d, dimethylamine salt	0.39	N/A	N/A	N/A
Landscape maintenance	2,4-d, isooctyl ester	0.16	N/A	N/A	N/A
Landscape maintenance	2,4-dp-p, dimethylamine salt	0.03	N/A	N/A	N/A
Landscape maintenance	2,4-dp-p, isooctyl ester	12.91	N/A	N/A	N/A
Landscape maintenance	Abamectin	0.01	N/A	N/A	N/A
Landscape maintenance	Acibenzolar-s-methyl	1.22	N/A	N/A	N/A
Landscape maintenance	Alkyl (c8,c10) polyglucoside	132.93	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	Allethrin	0.32	N/A	N/A	N/A
Landscape maintenance	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	126.42	N/A	N/A	N/A
Landscape maintenance	Alpha-undecyl-omega-hydroxypoly(oxyethylene)	0.41	N/A	N/A	N/A
Landscape maintenance	Alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	0.05	N/A	N/A	N/A
Landscape maintenance	Aminopyralid, triisopropanolamine salt	22.84	N/A	N/A	N/A
Landscape maintenance	Ammonium nitrate	62.37	N/A	N/A	N/A
Landscape maintenance	Ammonium nonanoate	362.44	N/A	N/A	N/A
Landscape maintenance	Ammonium sulfate	124.74	N/A	N/A	N/A
Landscape maintenance	Azadirachtin	0.04	N/A	N/A	N/A
Landscape maintenance	Azoxystrobin	39.43	N/A	N/A	N/A
Landscape maintenance	Bacillus thuringiensis (berliner), subsp. kurstaki strain sa-12	0.9	N/A	N/A	N/A
Landscape maintenance	Bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	2.09	N/A	N/A	N/A
Landscape maintenance	Benzovindiflupyr	1.97	N/A	N/A	N/A
Landscape maintenance	Beta-cyfluthrin	5.29	N/A	N/A	N/A
Landscape maintenance	Bifenthrin	5.62	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	Boric acid	132.24	N/A	N/A	N/A
Landscape maintenance	Bromethalin	0.02	N/A	N/A	N/A
Landscape maintenance	Butyl alcohol	0.01	N/A	N/A	N/A
Landscape maintenance	Butyl lactate	23.2	N/A	N/A	N/A
Landscape maintenance	Calcium chloride	2.45	N/A	N/A	N/A
Landscape maintenance	Capric acid	293.38	N/A	N/A	N/A
Landscape maintenance	Caprylic acid	417.27	N/A	N/A	N/A
Landscape maintenance	Carfentrazone-ethyl	5.79	N/A	N/A	N/A
Landscape maintenance	Chlorantraniliprole	24.21	N/A	N/A	N/A
Landscape maintenance	Chlorophacinone	<0.01	N/A	N/A	N/A
Landscape maintenance	Chlorothalonil	30.02	3	4.5	A
Landscape maintenance	Chlorothalonil	1,005.42	N/A	N/A	N/A
Landscape maintenance	Chlorsulfuron	3.0	N/A	N/A	N/A
Landscape maintenance	Citric acid	6.82	N/A	N/A	N/A
Landscape maintenance	Clarified hydrophobic extract of neem oil	0.76	N/A	N/A	N/A
Landscape maintenance	Clopyralid, monoethanolamine salt	62.14	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	Clothianidin	1.29	N/A	N/A	N/A
Landscape maintenance	Copper ammonium complex	6.35	N/A	N/A	N/A
Landscape maintenance	Copper diammonium diacetate complex	4.03	N/A	N/A	N/A
Landscape maintenance	Copper ethanolamine complexes, mixed	3.15	N/A	N/A	N/A
Landscape maintenance	Copper hydroxide	62.29	N/A	N/A	N/A
Landscape maintenance	Copper oxychloride	58.15	N/A	N/A	N/A
Landscape maintenance	Copper sulfate (pentahydrate)	33.56	N/A	N/A	N/A
Landscape maintenance	Cuprous oxide	16.71	N/A	N/A	N/A
Landscape maintenance	Cyazofamid	5.67	N/A	N/A	N/A
Landscape maintenance	D-trans allethrin	<0.01	N/A	N/A	N/A
Landscape maintenance	Deltamethrin	0.01	N/A	N/A	N/A
Landscape maintenance	Dicamba	8.5	N/A	N/A	N/A
Landscape maintenance	Dicamba, dimethylamine salt	0.05	N/A	N/A	N/A
Landscape maintenance	Diethylene glycol	8.29	N/A	N/A	N/A
Landscape maintenance	Difenoconazole	11.88	N/A	N/A	N/A
Landscape maintenance	Dikegulac sodium	7.26	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	Dimethylpolysiloxane	0.54	N/A	N/A	N/A
Landscape maintenance	Dinotefuran	1.37	N/A	N/A	N/A
Landscape maintenance	Diphacinone	0.13	N/A	N/A	N/A
Landscape maintenance	Diquat dibromide	101.25	N/A	N/A	N/A
Landscape maintenance	Dithiopyr	928.43	N/A	N/A	N/A
Landscape maintenance	Diuron	0.47	N/A	N/A	N/A
Landscape maintenance	Emamectin benzoate	0.03	N/A	N/A	N/A
Landscape maintenance	Esfenvalerate	0.01	N/A	N/A	N/A
Landscape maintenance	Ethephon	300.61	N/A	N/A	N/A
Landscape maintenance	Ethofumesate	40.78	N/A	N/A	N/A
Landscape maintenance	Ferric sodium edta	0.1	N/A	N/A	N/A
Landscape maintenance	Florasulam	0.04	N/A	N/A	N/A
Landscape maintenance	Fluazifop-butyl	0.47	N/A	N/A	N/A
Landscape maintenance	Fluazifop-p-butyl	1.99	N/A	N/A	N/A
Landscape maintenance	Fluazinam	34.94	N/A	N/A	N/A
Landscape maintenance	Fludioxonil	0.6	2	3.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	Fludioxonil	35.84	N/A	N/A	N/A
Landscape maintenance	Flumioxazin	2.37	N/A	N/A	N/A
Landscape maintenance	Fluopyram	7.11	N/A	N/A	N/A
Landscape maintenance	Flupyradifurone	0.04	N/A	N/A	N/A
Landscape maintenance	Fluridone	5.88	N/A	N/A	N/A
Landscape maintenance	Flurprimidol	8.42	N/A	N/A	N/A
Landscape maintenance	Flutolanil	4.2	1	1.5	A
Landscape maintenance	Flutolanil	8.4	N/A	N/A	N/A
Landscape maintenance	Fluxapyroxad	8.85	N/A	N/A	N/A
Landscape maintenance	Foramsulfuron	0.33	N/A	N/A	N/A
Landscape maintenance	Fosetyl-al	0.3	N/A	N/A	N/A
Landscape maintenance	Glufosinate-ammonium	298.36	N/A	N/A	N/A
Landscape maintenance	Glyphosate, isopropylamine salt	1,793.53	N/A	N/A	N/A
Landscape maintenance	Glyphosate, potassium salt	576.18	N/A	N/A	N/A
Landscape maintenance	Halosulfuron-methyl	0.52	N/A	N/A	N/A
Landscape maintenance	Heptyl butyrate	1.96	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	Hydrogen peroxide	37.11	N/A	N/A	N/A
Landscape maintenance	Imazamox, ammonium salt	0.26	N/A	N/A	N/A
Landscape maintenance	Imazapic, ammonium salt	0.1	N/A	N/A	N/A
Landscape maintenance	Imazapyr, isopropylamine salt	0.25	N/A	N/A	N/A
Landscape maintenance	Imidacloprid	2,335.35	N/A	N/A	N/A
Landscape maintenance	Indaziflam	1.87	N/A	N/A	N/A
Landscape maintenance	Indoxacarb	1.88	N/A	N/A	N/A
Landscape maintenance	Iprodione	5.0	1	1.5	A
Landscape maintenance	Iprodione	245.65	N/A	N/A	N/A
Landscape maintenance	Iron phosphate	17.83	N/A	N/A	N/A
Landscape maintenance	Isoxaben	61.48	N/A	N/A	N/A
Landscape maintenance	Lecithin	0.81	N/A	N/A	N/A
Landscape maintenance	Limonene	49.84	N/A	N/A	N/A
Landscape maintenance	Malathion	0.8	N/A	N/A	N/A
Landscape maintenance	Mancozeb	168.03	N/A	N/A	N/A
Landscape maintenance	Margosa oil	0.51	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	Mcpp-p, dimethylamine salt	0.03	N/A	N/A	N/A
Landscape maintenance	Mecoprop-p	26.02	N/A	N/A	N/A
Landscape maintenance	Mefenoxam	7.96	N/A	N/A	N/A
Landscape maintenance	Mefenoxam, other related	0.24	N/A	N/A	N/A
Landscape maintenance	Mefentrifluconazole	8.7	N/A	N/A	N/A
Landscape maintenance	Metconazole	15.1	N/A	N/A	N/A
Landscape maintenance	Methylated soybean oil	0.41	N/A	N/A	N/A
Landscape maintenance	Mineral oil	2,138.77	N/A	N/A	N/A
Landscape maintenance	Msma	0.7	N/A	N/A	N/A
Landscape maintenance	Myclobutanil	3.57	N/A	N/A	N/A
Landscape maintenance	N-octyl bicycloheptene dicarboximide	1.07	N/A	N/A	N/A
Landscape maintenance	Naa	1.44	N/A	N/A	N/A
Landscape maintenance	Naa, ammonium salt	0.4	N/A	N/A	N/A
Landscape maintenance	Oleic acid, ethyl ester	5.71	N/A	N/A	N/A
Landscape maintenance	Organosilicone, poly oxyalkylene ether copolymer	37.06	N/A	N/A	N/A
Landscape maintenance	Oryzalin	0.52	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	Oxyfluorfen	11.04	N/A	N/A	N/A
Landscape maintenance	Paclobutrazol	18,175.72	N/A	N/A	N/A
Landscape maintenance	Pcnb	76.44	N/A	N/A	N/A
Landscape maintenance	Pendimethalin	124.19	N/A	N/A	N/A
Landscape maintenance	Penoxsulam	53.5	N/A	N/A	N/A
Landscape maintenance	Penthiopyrad	44.02	N/A	N/A	N/A
Landscape maintenance	Permethrin	61.83	N/A	N/A	N/A
Landscape maintenance	Petroleum distillates	127.08	N/A	N/A	N/A
Landscape maintenance	Petroleum distillates, refined	0.03	N/A	N/A	N/A
Landscape maintenance	Petroleum oil, unclassified	9.43	N/A	N/A	N/A
Landscape maintenance	Piperonyl butoxide	0.56	N/A	N/A	N/A
Landscape maintenance	Piperonyl butoxide, other related	0.14	N/A	N/A	N/A
Landscape maintenance	Polyalkene oxide modified heptamethyl trisiloxane	5.68	N/A	N/A	N/A
Landscape maintenance	Polyethylene glycol stearate	1.14	N/A	N/A	N/A
Landscape maintenance	Polyoxin d, zinc salt	3.25	N/A	N/A	N/A
Landscape maintenance	Polyoxyethylene dioleate	0.2	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	Polyoxyethylene sorbitan monolaurate	204.04	N/A	N/A	N/A
Landscape maintenance	Polyoxyethylene sorbitan monooleate	0.06	N/A	N/A	N/A
Landscape maintenance	Potash soap	<0.01	N/A	N/A	N/A
Landscape maintenance	Potassium permanganate	51.48	N/A	N/A	N/A
Landscape maintenance	Potassium phosphite	5,727.58	N/A	N/A	N/A
Landscape maintenance	Prodiamine	20,823.67	N/A	N/A	N/A
Landscape maintenance	Propiconazole	3.7	3	4.5	A
Landscape maintenance	Propiconazole	90.57	N/A	N/A	N/A
Landscape maintenance	Propylene glycol	22.53	N/A	N/A	N/A
Landscape maintenance	Pyraclostrobin	30.94	N/A	N/A	N/A
Landscape maintenance	Pyraflufen-ethyl	<0.01	N/A	N/A	N/A
Landscape maintenance	Pyrethrins	<0.01	N/A	N/A	N/A
Landscape maintenance	Pyriproxyfen	0.2	N/A	N/A	N/A
Landscape maintenance	Quinclorac	0.22	N/A	N/A	N/A
Landscape maintenance	Quinclorac, dimethylamine salt	29.04	N/A	N/A	N/A
Landscape maintenance	Silica filled polydimethylsiloxane	0.12	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	Sodium carbonate peroxyhydrate	2,890.0	N/A	N/A	N/A
Landscape maintenance	Spinosad	0.49	N/A	N/A	N/A
Landscape maintenance	Streptomycin sulfate	0.08	N/A	N/A	N/A
Landscape maintenance	Strychnine	<0.01	N/A	N/A	N/A
Landscape maintenance	Sulfentrazone	0.02	N/A	N/A	N/A
Landscape maintenance	Sulfometuron-methyl	6.0	N/A	N/A	N/A
Landscape maintenance	Sulfur	0.42	N/A	N/A	N/A
Landscape maintenance	Tall oil fatty acids	15.33	N/A	N/A	N/A
Landscape maintenance	Tau-fluvalinate	<0.01	N/A	N/A	N/A
Landscape maintenance	Tebuconazole	14.44	N/A	N/A	N/A
Landscape maintenance	Thiamethoxam	17.12	N/A	N/A	N/A
Landscape maintenance	Thiencarbazone-methyl	0.17	N/A	N/A	N/A
Landscape maintenance	Thiophanate-methyl	279.94	N/A	N/A	N/A
Landscape maintenance	Topramezone	0.97	N/A	N/A	N/A
Landscape maintenance	Triadimefon	14.91	N/A	N/A	N/A
Landscape maintenance	Triclopyr choline	376.3	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	Triclopyr, butoxyethyl ester	810.03	N/A	N/A	N/A
Landscape maintenance	Triclopyr, triethylamine salt	15.01	N/A	N/A	N/A
Landscape maintenance	Trifloxystrobin	2.4	N/A	N/A	N/A
Landscape maintenance	Trifluralin	3.1	N/A	N/A	N/A
Landscape maintenance	Trinexapac-ethyl	75.24	N/A	N/A	N/A
Landscape maintenance	Zinc phosphide	0.23	N/A	N/A	N/A
Lettuce, head	Azadirachtin	0.15	30	42,801.0	S
Lettuce, head	Bacillus pumilus, strain qst 2808	0.1	11	16,351.0	S
Lettuce, head	Clarified hydrophobic extract of neem oil	2.27	13	20,701.0	S
Lettuce, head	Qst 713 strain of dried bacillus subtilis	0.06	13	18,500.0	S
Lettuce, head	Reynoutria sachalinensis	0.1	6	7,950.0	S
Mushroom	Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	2.4	4	32.0	A
Mushroom	Ammonium nitrate	0.31	4	32.0	A
Mushroom	Ammonium sulfate	7.65	4	32.0	A
Mushroom	Glufosinate-ammonium	11.48	3	24.0	A
Mushroom	Glyphosate, potassium salt	11.03	1	8.0	A
N-grnhs flower	Abamectin	1.83	17	91.0	A
N-grnhs flower	Acephate	259.81	28	147.0	A
N-grnhs flower	Acephate	2.25	1	50,000.0	S
N-grnhs flower	Acetamiprid	1.51	5	5.0	A
N-grnhs flower	Alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	3.4	32	31.5	A
N-grnhs flower	Boscalid	10.58	10	23.0	A
N-grnhs flower	Boscalid	0.9	3	225,000.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs flower	Chlorfenapyr	2.64	7	15.0	A
N-grnhs flower	Cyantraniliprole	2.33	6	8.5	A
N-grnhs flower	Cyflumetofen	5.45	6	17.0	A
N-grnhs flower	Cyprodinil	18.35	17	68.0	A
N-grnhs flower	Diphacinone	<0.01	N/A	10.0	A
N-grnhs flower	Fenhexamid	9.5	3	13.0	A
N-grnhs flower	Fludioxonil	12.23	17	68.0	A
N-grnhs flower	Fosetyl-al	22.0	2	10.0	A
N-grnhs flower	Heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	717.0	93	539.0	A
N-grnhs flower	Heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	3.51	2	150,000.0	S
N-grnhs flower	Imidacloprid	0.11	6	0.6	A
N-grnhs flower	Iprodione	1.5	1	75,000.0	S
N-grnhs flower	Iron phosphate	<0.01	1	0.01	A
N-grnhs flower	Malathion	0.08	3	0.3	A
N-grnhs flower	Mefenoxam	0.43	2	11.0	A
N-grnhs flower	Mefenoxam, other related	0.01	2	11.0	A
N-grnhs flower	Mineral oil	10.58	2	6.0	A
N-grnhs flower	Piperalin	48.41	25	50.0	A
N-grnhs flower	Poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	136.57	93	539.0	A
N-grnhs flower	Poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	0.67	2	150,000.0	S
N-grnhs flower	Polyalkene oxide modified heptamethyl trisiloxane	2.48	32	31.5	A
N-grnhs flower	Propylene glycol	5.46	32	31.5	A
N-grnhs flower	Pyraclostrobin	5.38	10	23.0	A
N-grnhs flower	Pyraclostrobin	1.76	3	225,000.0	S
N-grnhs flower	Pyridalyl	34.56	21	107.0	A
N-grnhs flower	Spirotetramat	3.94	14	39.3	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs flower	Styrene butadiene copolymer	7.38	32	31.5	A
N-grnhs flower	Tau-fluvalinate	0.52	1	50,000.0	S
N-grnhs flower	Tolfenpyrad	14.76	7	56.0	A
N-grnhs flower	Triclopyr, butoxyethyl ester	0.05	N/A	1.75	C
N-grnhs plants in containers	Abamectin	0.01	1	0.03	A
N-grnhs plants in containers	Abamectin	0.01	5	7,625.0	S
N-grnhs plants in containers	Abamectin	<0.01	1	6,000.0	U
N-grnhs plants in containers	Azadirachtin	<0.01	4	1,707.0	S
N-grnhs plants in containers	Azadirachtin	<0.01	1	915.0	U
N-grnhs plants in containers	Azoxystrobin	0.08	2	1,250.0	S
N-grnhs plants in containers	Bifenazate	0.01	1	560.0	S
N-grnhs plants in containers	Boscalid	3.52	29	111,550.0	U
N-grnhs plants in containers	Chlorothalonil	1.14	4	9,875.0	S
N-grnhs plants in containers	Chlorothalonil	0.66	1	6,300.0	U
N-grnhs plants in containers	Copper octanoate	0.07	1	4,000.0	S
N-grnhs plants in containers	Copper octanoate	0.82	2	96,000.0	U
N-grnhs plants in containers	Cyantraniliprole	1.27	7	257,294.0	U
N-grnhs plants in containers	Cyflumetofen	0.08	5	6,383.0	U

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs plants in containers	Dimethomorph	0.1	1	2,400.0	U
N-grnhs plants in containers	Dinotefuran	<0.01	1	0.03	A
N-grnhs plants in containers	Fosetyl-al	0.08	1	549.0	S
N-grnhs plants in containers	Fosetyl-al	2.88	2	21,045.0	U
N-grnhs plants in containers	Imidacloprid	0.19	1	0.03	A
N-grnhs plants in containers	Imidacloprid	0.78	31	24,210.0	S
N-grnhs plants in containers	Imidacloprid	0.49	5	16,500.0	U
N-grnhs plants in containers	Iprodione	0.08	1	915.0	S
N-grnhs plants in containers	Iprodione	0.55	1	6,588.0	U
N-grnhs plants in containers	Iron phosphate	0.05	9	5,850.0	S
N-grnhs plants in containers	Margosa oil	0.38	4	1,707.0	S
N-grnhs plants in containers	Margosa oil	0.19	1	915.0	U
N-grnhs plants in containers	Mefenoxam	0.49	4	0.1	A
N-grnhs plants in containers	Mefenoxam	0.01	1	402.0	S
N-grnhs plants in containers	Mefenoxam	1.08	23	53,634.0	U
N-grnhs plants in containers	Mefenoxam, other related	0.01	3	0.09	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs plants in containers	Mefenoxam, other related	<0.01	1	402.0	S
N-grnhs plants in containers	Mefenoxam, other related	0.04	23	53,634.0	U
N-grnhs plants in containers	Metaldehyde	0.1	3	0.09	A
N-grnhs plants in containers	Metaldehyde	0.1	3	270.0	U
N-grnhs plants in containers	Mineral oil	3.65	8	8,398.0	S
N-grnhs plants in containers	Mineral oil	3.26	2	7,490.0	U
N-grnhs plants in containers	Myclobutanil	<0.01	2	200.0	S
N-grnhs plants in containers	Potash soap	2.1	4	3,225.0	S
N-grnhs plants in containers	Potash soap	0.16	1	250.0	U
N-grnhs plants in containers	Potassium bicarbonate	0.11	2	550.0	S
N-grnhs plants in containers	Potassium bicarbonate	0.27	1	1,375.0	U
N-grnhs plants in containers	Propiconazole	<0.01	1	916.0	S
N-grnhs plants in containers	Pyraclostrobin	7.6	33	284,052.0	U
N-grnhs plants in containers	Spinosad	0.05	2	16,335.0	U
N-grnhs plants in containers	Spiromesifen	0.17	2	0.06	A
N-grnhs plants in containers	Spirotetramat	0.23	2	7,250.0	U

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs plants in containers	Tau-fluvalinate	0.01	11	950.0	S
N-grnhs plants in containers	Tebuconazole	0.01	11	950.0	S
N-grnhs plants in containers	Terrazole	0.47	6	9,553.0	S
N-grnhs plants in containers	Terrazole	0.1	1	25,097.0	U
N-grnhs plants in containers	Thiophanate-methyl	0.41	8	34,138.0	S
N-grnhs plants in containers	Triclopyr, butoxyethyl ester	0.14	N/A	7.0	C
N-grnhs transplants	Alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	0.14	1	83,065.0	S
N-grnhs transplants	Azoxystrobin	1.88	9	245,416.0	S
N-grnhs transplants	Bacillus amyloliquifaciens strain d747	0.79	1	691.0	U
N-grnhs transplants	Bifenazate	0.5	1	24,192.0	S
N-grnhs transplants	Boscalid	0.51	5	171,099.0	S
N-grnhs transplants	Cuprous oxide	11.48	10	419,382.0	S
N-grnhs transplants	Dinotefuran	0.25	3	130,785.0	S
N-grnhs transplants	Fenhexamid	3.75	9	416,545.0	S
N-grnhs transplants	Glyphosate, isopropylamine salt	0.5	1	6,000.0	S
N-grnhs transplants	Hydrogen peroxide	4.64	18	66.0	U
N-grnhs transplants	Imidacloprid	2.3	7	297,141.0	S
N-grnhs transplants	Iron phosphate	0.1	4	2.0	A
N-grnhs transplants	Iron phosphate	0.29	1	110,033.0	S
N-grnhs transplants	Methoxyfenozide	0.85	4	159,462.0	S
N-grnhs transplants	Peroxyacetic acid	0.34	18	66.0	U
N-grnhs transplants	Potassium phosphite	7.82	6	194,589.0	S
N-grnhs transplants	Pyraclostrobin	1.01	5	171,099.0	S
N-grnhs transplants	Spinosad	0.21	6	340,586.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs transplants	Spirotetramat	0.24	3	165,662.0	S
N-grnhs transplants	Tetraconazole	0.08	2	103,788.0	S
N-outdr flower	Acephate	3.88	3	2.0	A
N-outdr flower	Acetamiprid	1.36	5	4.5	A
N-outdr flower	Alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	0.7	8	6.5	A
N-outdr flower	Azadirachtin	0.03	24	8,300.0	S
N-outdr flower	Bacillus pumilus, strain qst 2808	0.01	8	1,900.0	S
N-outdr flower	Bifenthrin	1.35	2	11.0	A
N-outdr flower	Clarified hydrophobic extract of neem oil	0.44	15	4,300.0	S
N-outdr flower	Glyphosate, potassium salt	16.98	2	7.0	A
N-outdr flower	Imidacloprid	0.11	6	0.6	A
N-outdr flower	Iron phosphate	<0.01	1	300.0	S
N-outdr flower	Malathion	0.08	3	0.3	A
N-outdr flower	Mineral oil	35.27	1	4.5	A
N-outdr flower	Oxyfluorfen	2.1	2	7.0	A
N-outdr flower	Polyalkene oxide modified heptamethyl trisiloxane	0.51	8	6.5	A
N-outdr flower	Propylene glycol	1.13	8	6.5	A
N-outdr flower	Qst 713 strain of dried bacillus subtilis	0.01	10	4,050.0	S
N-outdr flower	Reynoutria sachalinensis	0.03	6	2,350.0	S
N-outdr flower	Spirotetramat	0.02	3	0.3	A
N-outdr flower	Styrene butadiene copolymer	1.52	8	6.5	A
N-outdr flower	Thiophanate-methyl	1.12	1	1.0	A
N-outdr plants in containers	Abamectin	0.01	1	1.0	A
N-outdr plants in containers	Abamectin	0.02	8	22,875.0	S
N-outdr plants in containers	Acephate	2.43	2	5.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-outdr plants in containers	Acetamiprid	0.26	1	4.0	A
N-outdr plants in containers	Alpha-undecyl-omega-hydroxypoly(oxyethylene)	2.92	14	20.0	A
N-outdr plants in containers	Azadirachtin	1.02	67	330.0	A
N-outdr plants in containers	Azadirachtin	<0.01	1	732.0	S
N-outdr plants in containers	Azoxystrobin	0.17	2	2,600.0	S
N-outdr plants in containers	Bacillus thuringiensis (berliner), subsp. kurstaki, serotype 3a,3b	0.01	1	1,032.0	S
N-outdr plants in containers	Bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	20.44	34	170.0	A
N-outdr plants in containers	Beauveria bassiana strain gha	5.43	65	325.0	A
N-outdr plants in containers	Bifenazate	0.12	1	1.0	A
N-outdr plants in containers	Bifenthrin	1.65	3	6.25	A
N-outdr plants in containers	Boscalid	1.29	4	7.0	A
N-outdr plants in containers	Boscalid	0.31	1	12,870.0	S
N-outdr plants in containers	Boscalid	4.49	21	141,000.0	U
N-outdr plants in containers	Butyl lactate	0.5	2	5.0	A
N-outdr plants in containers	Copper diammonium diacetate complex	1.15	2	4.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-outdr plants in containers	Copper octanoate	2.1	5	245,600.0	S
N-outdr plants in containers	Copper sulfate (pentahydrate)	0.06	1	9,520.0	S
N-outdr plants in containers	Cyantraniliprole	0.04	1	12,798.0	S
N-outdr plants in containers	Cyantraniliprole	0.03	3	9,465.0	U
N-outdr plants in containers	Cyflumetofen	0.1	2	7,500.0	U
N-outdr plants in containers	Cyfluthrin	1.3	33	165.0	A
N-outdr plants in containers	Dinotefuran	0.85	7	9.0	A
N-outdr plants in containers	Dithiopyr	0.84	6	163,620.0	S
N-outdr plants in containers	Fluxapyroxad	0.79	4	6.0	A
N-outdr plants in containers	Fosetyl-al	5.38	3	39,345.0	S
N-outdr plants in containers	Fosetyl-al	3.0	1	21,960.0	U
N-outdr plants in containers	Glufosinate-ammonium	1.91	3	7.0	A
N-outdr plants in containers	Glyphosate, isopropylamine salt	96.15	34	8.77	A
N-outdr plants in containers	Glyphosate, potassium salt	49.97	18	65.0	A
N-outdr plants in containers	Glyphosate, potassium salt	27.67	30	419,014.0	S
N-outdr plants in containers	Imidacloprid	0.26	1	2.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-outdr plants in containers	Imidacloprid	1.54	18	54,860.0	S
N-outdr plants in containers	Imidacloprid	0.17	4	5,500.0	U
N-outdr plants in containers	Indaziflam	0.47	2	11.0	A
N-outdr plants in containers	Iprodione	0.73	1	8,784.0	S
N-outdr plants in containers	Iron phosphate	0.15	3	3.0	A
N-outdr plants in containers	Isoxaben	0.77	6	154,530.0	S
N-outdr plants in containers	Lambda-cyhalothrin	0.1	1	3.0	A
N-outdr plants in containers	Lecithin	5.85	14	20.0	A
N-outdr plants in containers	Malathion	1.33	4	16.0	A
N-outdr plants in containers	Margosa oil	0.15	1	732.0	S
N-outdr plants in containers	Mefenoxam	0.02	1	1.0	A
N-outdr plants in containers	Mefenoxam	0.07	1	3,622.0	S
N-outdr plants in containers	Mefenoxam	2.23	24	114,306.0	U
N-outdr plants in containers	Mefenoxam, other related	<0.01	1	3,622.0	S
N-outdr plants in containers	Mefenoxam, other related	0.07	24	114,306.0	U
N-outdr plants in containers	Methoxyfenozide	2.59	18	86.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-outdr plants in containers	Methylated soybean oil	2.92	14	20.0	A
N-outdr plants in containers	Mineral oil	52.78	4	6.0	A
N-outdr plants in containers	Mineral oil	3.14	6	7,222.0	S
N-outdr plants in containers	Mineral oil	0.42	1	963.0	U
N-outdr plants in containers	Myclobutanil	0.64	4	6.0	A
N-outdr plants in containers	Novaluron	0.03	1	472.5	S
N-outdr plants in containers	Polyoxyethylene sorbitan monolaurate	4.38	2	5.0	A
N-outdr plants in containers	Potash soap	0.36	2	900.0	S
N-outdr plants in containers	Propiconazole	0.01	1	550.0	S
N-outdr plants in containers	Pymetrozine	3.2	35	175.0	A
N-outdr plants in containers	Pyraclostrobin	1.44	8	13.0	A
N-outdr plants in containers	Pyraclostrobin	0.61	1	12,870.0	S
N-outdr plants in containers	Pyraclostrobin	9.89	26	192,007.0	U
N-outdr plants in containers	Pyrethrins	0.92	32	160.0	A
N-outdr plants in containers	Pyrethrins	<0.01	1	400.0	S
N-outdr plants in containers	Silica filled polydimethylsiloxane	<0.01	2	5.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-outdr plants in containers	Spinosad	1.88	65	325.0	A
N-outdr plants in containers	Spinosad	0.08	3	37,405.0	S
N-outdr plants in containers	Spirotetramat	0.16	3	5.0	A
N-outdr plants in containers	Spirotetramat	0.13	1	4,250.0	U
N-outdr plants in containers	Sulfur	23.52	1	2.0	A
N-outdr plants in containers	Terrazole	0.71	2	15,145.0	S
N-outdr plants in containers	Thiophanate-methyl	0.27	1	4.0	A
N-outdr plants in containers	Triclopyr, butoxyethyl ester	6.93	1	5.0	A
Nectarine	Copper ammonium complex	0.26	2	0.5	A
Nectarine	Cuprous oxide	0.28	1	0.2	A
Nectarine	Mineral oil	1.74	2	0.5	A
Oat	2,4-d, dimethylamine salt	327.56	4	387.41	A
Oat	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	279.02	16	1,783.41	A
Oat	Benzoic acid	2.83	4	497.41	A
Oat	Bromoxynil heptanoate	104.27	3	373.0	A
Oat	Bromoxynil octanoate	108.13	3	373.0	A
Oat	Butyl alcohol	34.53	16	1,783.41	A
Oat	Butyl lactate	6.37	1	280.0	A
Oat	Carfentrazone-ethyl	19.3	5	772.0	A
Oat	Dimethyl alkyl tertiary amines	3.09	4	497.41	A
Oat	Dimethylpolysiloxane	0.35	16	1,783.41	A
Oat	Glyphosate, potassium salt	769.58	7	744.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Oat	Methylated soybean oil	108.18	4	497.41	A
Oat	Polyacrylamide polymer	1.01	13	1,566.0	A
Oat	Polyoxyethylene sorbitan monolaurate	56.01	1	280.0	A
Oat	Polysaccharide polymer	0.11	13	1,566.0	A
Oat	Silica filled polydimethylsiloxane	0.03	1	280.0	A
Oat	Tribenuron-methyl	6.89	7	1,102.0	A
Oat (forage - fodder)	Chlorsulfuron	0.14	1	9.0	A
Olive	2,2-dibromo-3-nitrilopropionamide	0.24	1	0.5	A
Olive	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	0.03	3	0.3	A
Olive	Alkyl (c8,c10) polyglucoside	0.72	2	2.25	A
Olive	Alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	0.13	5	12.5	A
Olive	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	0.05	2	3.0	A
Olive	Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	0.12	1	4.0	A
Olive	Alpha-pinene beta-pinene copolymer	2.35	5	12.5	A
Olive	Ammonium nitrate	2.58	3	6.25	A
Olive	Ammonium sulfate	0.39	1	4.0	A
Olive	Carbo methoxy ether cellulose, sodium salt	0.03	2	3.0	A
Olive	Clarified hydrophobic extract of neem oil	10.81	2	8.0	A
Olive	Copper hydroxide	0.35	3	1.35	A
Olive	Copper oxychloride	0.38	3	1.35	A
Olive	Cuprous oxide	20.14	2	6.0	A
Olive	Dinotefuran	0.1	1	15,908.0	S
Olive	Fenpropathrin	0.05	1	0.25	A
Olive	Glufosinate-ammonium	2.25	2	2.25	A
Olive	Glyphosate, potassium salt	31.2	2	8.1	A
Olive	Kaolin	604.91	12	28.61	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Olive	Kaolin	5.94	1	20.0	U
Olive	Methylated soybean oil	2.14	2	2.25	A
Olive	Mineral oil	71.2	7	18.5	A
Olive	Pendimethalin	5.49	1	1.45	A
Olive	Poly(oxy-1,2-ethanediyl), alpha-hydro- omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	0.08	2	2.25	A
Olive	Polyethoxylated castor oil	0.8	2	2.25	A
Olive	Pyrethrins	0.15	3	4.5	A
Olive	Pyrethrins	0.06	1	15,552.0	S
Olive	Quillaja	0.06	2	3.0	A
Olive	Spinosad	0.07	90	188.02	A
Olive	Spinosad	0.08	103	6,783.0	U
Olive	Tall oil fatty acids	0.55	2	2.25	A
Parsley	Azadirachtin	0.03	24	7,550.0	S
Parsley	Bacillus pumilus, strain qst 2808	0.02	10	3,500.0	S
Parsley	Clarified hydrophobic extract of neem oil	0.42	14	4,150.0	S
Parsley	Qst 713 strain of dried bacillus subtilis	0.01	10	3,100.0	S
Parsley	Reynoutria sachalinensis	0.01	4	950.0	S
Pastureland	2,4-d, dimethylamine salt	9.03	3	28.0	A
Pastureland	Alpha-(para-nonylphenyl)-omega- hydroxypoly(oxyethylene)	9.16	4	44.0	A
Pastureland	Alpha-alkyl (c9-c11)-omega- hydroxypoly(oxyethylene)	4.7	2	24.0	A
Pastureland	Aminopyralid, triisopropanolamine salt	2.32	2	14.0	A
Pastureland	Ammonium nitrate	0.61	2	24.0	A
Pastureland	Ammonium sulfate	15.0	2	24.0	A
Pastureland	Bromoxynil heptanoate	7.57	3	36.0	A
Pastureland	Bromoxynil octanoate	7.85	3	36.0	A
Pastureland	Butyl alcohol	1.13	4	44.0	A
Pastureland	Dimethylpolysiloxane	0.01	4	44.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pastureland	Glyphosate, potassium salt	124.16	10	22.5	A
Pastureland	Triclopyr, butoxyethyl ester	20.73	2	14.0	A
Peach	Alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	1.44	5	5.0	A
Peach	Copper ammonium complex	0.26	2	0.5	A
Peach	Copper hydroxide	7.74	5	5.0	A
Peach	Copper oxychloride	8.58	5	5.0	A
Peach	Cuprous oxide	140.04	5	12.75	A
Peach	Mineral oil	1.74	2	0.5	A
Peach	Qst 713 strain of dried bacillus subtilis	1.98	5	5.0	A
Peach	Ulocladium oudemansii (u3 strain)	6.75	1	5.0	A
Pear	Alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	0.04	1	1.0	A
Pear	Alpha-pinene beta-pinene copolymer	0.76	1	1.0	A
Pear	Bacillus thuringiensis (berliner)	<0.01	8	0.8	A
Pear	Copper hydroxide	0.03	4	0.4	A
Pear	Copper oxychloride	0.03	4	0.4	A
Pear	Cuprous oxide	4.48	2	1.1	A
Pear	Hydrogen peroxide	37.85	10	40.1	A
Pear	Lime-sulfur	0.19	1	4.0	U
Pear	Mineral oil	45.84	14	10.2	A
Pear	Mineral oil	0.27	1	10.0	U
Pear	Peroxyacetic acid	2.79	10	40.1	A
Pear	Spinosad	0.78	1	8.0	A
Pear	Streptomycin sulfate	0.11	1	1.0	A
Pepper, fruiting	Azadirachtin	0.01	2	2,250.0	S
Pepper, fruiting	Bacillus pumilus, strain qst 2808	<0.01	1	750.0	S
Pepper, fruiting	Bifenthrin	1.53	1	17.0	A
Pepper, fruiting	Reynoutria sachalinensis	0.02	2	1,505.0	S
Plum	Cuprous oxide	0.28	1	0.25	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pome fruit	Bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	0.16	1	1.0	A
Pome fruit	Cuprous oxide	0.1	1	11,000.0	S
Pome fruit	Hydrogen peroxide	2.46	1	1.0	A
Pome fruit	Mineral oil	5.48	1	1.0	A
Pome fruit	Mineral oil	0.43	1	11,000.0	S
Pome fruit	Pyrethrins	0.03	1	1.0	A
Pome fruit	Sulfur	11.44	1	1.0	A
Public health	Alpha-isooctadecyl-omega-hydroxypoly(oxyethylene)	51.76	N/A	N/A	N/A
Public health	Bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins	305.15	N/A	N/A	N/A
Public health	Bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	2.57	N/A	N/A	N/A
Public health	Bacillus thuringiensis, subsp. israelensis, strain am 65-52	353.16	N/A	N/A	N/A
Public health	D-trans allethrin	0.01	N/A	N/A	N/A
Public health	Etofenprox	20.08	N/A	N/A	N/A
Public health	Methoprene	11.59	N/A	N/A	N/A
Public health	Mineral oil	1,806.41	N/A	N/A	N/A
Public health	Petroleum distillates	85.93	N/A	N/A	N/A
Public health	Phenothrin	0.01	N/A	N/A	N/A
Public health	Piperonyl butoxide	88.56	N/A	N/A	N/A
Public health	Piperonyl butoxide, other related	22.14	N/A	N/A	N/A
Public health	Pyrethrins	21.94	N/A	N/A	N/A
Public health	S-methoprene	65.69	N/A	N/A	N/A
Public health	Silica aerogel	13.16	N/A	N/A	N/A
Public health	Spinosad	9.32	N/A	N/A	N/A
Pumpkin	Azadirachtin	<0.01	2	400.0	S
Pumpkin	Bacillus pumilus, strain qst 2808	<0.01	1	200.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pumpkin	Qst 713 strain of dried bacillus subtilis	<0.01	1	200.0	S
Rangeland	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	7.5	1	45.0	A
Rangeland	Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	0.61	2	400.0	A
Rangeland	Ammonium nitrate	0.08	2	400.0	A
Rangeland	Ammonium sulfate	1.94	2	400.0	A
Rangeland	Benzoic acid	0.23	1	40.0	A
Rangeland	Butyl alcohol	0.93	1	45.0	A
Rangeland	Butyl lactate	0.91	1	40.0	A
Rangeland	Carfentrazone-ethyl	1.13	1	45.0	A
Rangeland	Clopyralid, monoethanolamine salt	11.27	10	55.0	A
Rangeland	Dimethyl alkyl tertiary amines	0.25	1	40.0	A
Rangeland	Dimethylpolysiloxane	0.01	1	45.0	A
Rangeland	Glyphosate, isopropylamine salt	1.97	3	3.25	A
Rangeland	Glyphosate, potassium salt	11.17	2	400.0	A
Rangeland	Methylated soybean oil	8.7	1	40.0	A
Rangeland	Polyacrylamide polymer	0.02	1	45.0	A
Rangeland	Polyoxyethylene sorbitan monolaurate	8.0	1	40.0	A
Rangeland	Polysaccharide polymer	<0.01	1	45.0	A
Rangeland	Silica filled polydimethylsiloxane	<0.01	1	40.0	A
Rangeland	Tribenuron-methyl	0.28	1	45.0	A
Rangeland	Triclopyr, butoxyethyl ester	7.59	9	100.0	A
Rights of way	2-butoxyethanol	4.74	N/A	N/A	N/A
Rights of way	Alcohols, c12-c14, aliphatic	1.84	N/A	N/A	N/A
Rights of way	Alkyl (c8,c10) polyglucoside	0.49	N/A	N/A	N/A
Rights of way	Alkyl (c9-c11) oligomeric d-glucopyranoside	5.27	N/A	N/A	N/A
Rights of way	Alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	0.02	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	46.76	N/A	N/A	N/A
Rights of way	Alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	0.07	N/A	N/A	N/A
Rights of way	Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	3.58	N/A	N/A	N/A
Rights of way	Alpha-undecyl-omega-hydroxypoly(oxyethylene)	324.33	N/A	N/A	N/A
Rights of way	Aminocyclopyrachlor, potassium salt	10.82	N/A	N/A	N/A
Rights of way	Aminopyralid, triisopropanolamine salt	84.46	N/A	N/A	N/A
Rights of way	Ammonium nitrate	0.51	N/A	N/A	N/A
Rights of way	Ammonium nonanoate	6.68	N/A	N/A	N/A
Rights of way	Ammonium sulfate	20.56	N/A	N/A	N/A
Rights of way	Benzoic acid	0.94	N/A	N/A	N/A
Rights of way	Borax	270.76	N/A	N/A	N/A
Rights of way	Chlorsulfuron	4.58	N/A	N/A	N/A
Rights of way	Citric acid	0.37	N/A	N/A	N/A
Rights of way	Clethodim	3.4	N/A	N/A	N/A
Rights of way	Clopyralid, monoethanolamine salt	25.3	N/A	N/A	N/A
Rights of way	Copper hydroxide	19.3	N/A	N/A	N/A
Rights of way	Dazomet	409.15	N/A	N/A	N/A
Rights of way	Decyl phenoxy benzene disulfonic acid, disodium salt	0.75	N/A	N/A	N/A
Rights of way	Diethylene glycol	0.81	N/A	N/A	N/A
Rights of way	Dimethyl alkyl tertiary amines	1.03	N/A	N/A	N/A
Rights of way	Dimethylpolysiloxane	0.18	N/A	N/A	N/A
Rights of way	Diquat dibromide	11.56	N/A	N/A	N/A
Rights of way	Disodium octaborate anhydrous	90.43	N/A	N/A	N/A
Rights of way	Dithiopyr	219.58	N/A	N/A	N/A
Rights of way	Diuron	2.9	N/A	N/A	N/A
Rights of way	Fatty acids, methyl esters	13.91	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	Fatty acids, mixed	1.44	N/A	N/A	N/A
Rights of way	Flumioxazin	29.57	N/A	N/A	N/A
Rights of way	Glufosinate-ammonium	21.76	N/A	N/A	N/A
Rights of way	Glyphosate, dimethylamine salt	1,420.29	N/A	N/A	N/A
Rights of way	Glyphosate, isopropylamine salt	10,308.07	N/A	N/A	N/A
Rights of way	Glyphosate, monoammonium salt	17.4	N/A	N/A	N/A
Rights of way	Glyphosate, potassium salt	60.68	N/A	N/A	N/A
Rights of way	Heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	0.84	N/A	N/A	N/A
Rights of way	Hexylene glycol	4.74	N/A	N/A	N/A
Rights of way	Imazapyr, isopropylamine salt	48.52	N/A	N/A	N/A
Rights of way	Indaziflam	44.03	N/A	N/A	N/A
Rights of way	Isopropylamine dodecylbenzene sulfonate	1.07	N/A	N/A	N/A
Rights of way	Isoxaben	445.87	N/A	N/A	N/A
Rights of way	Lecithin	644.46	N/A	N/A	N/A
Rights of way	Metam-sodium	418.63	N/A	N/A	N/A
Rights of way	Methylated soybean oil	698.62	N/A	N/A	N/A
Rights of way	Mineral oil	185.99	N/A	N/A	N/A
Rights of way	Oleic acid, ethyl ester	1.08	N/A	N/A	N/A
Rights of way	Polyacrylamide, polyethylene glycol mixture	0.49	N/A	N/A	N/A
Rights of way	Polyalkene oxide modified heptamethyl trisiloxane	1.62	N/A	N/A	N/A
Rights of way	Polyethylene glycol stearate	0.27	N/A	N/A	N/A
Rights of way	Polymerized pinene	0.34	N/A	N/A	N/A
Rights of way	Polyoxyethylene polyoxypropylene	<0.01	N/A	N/A	N/A
Rights of way	Polyoxyethylene sorbitan monooleate	4.29	N/A	N/A	N/A
Rights of way	Polyoxyethylene sorbitan trioleate	28.24	N/A	N/A	N/A
Rights of way	Propylene glycol	0.11	N/A	N/A	N/A
Rights of way	Rimsulfuron	14.59	N/A	N/A	N/A
Rights of way	Sodium alpha-olefin (c14-c16) sulfonate	36.09	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	Sodium dioctylsulfosuccinate	<0.01	N/A	N/A	N/A
Rights of way	Styrene butadiene copolymer	0.15	N/A	N/A	N/A
Rights of way	Sulfentrazone	19.91	N/A	N/A	N/A
Rights of way	Sulfometuron-methyl	11.94	N/A	N/A	N/A
Rights of way	Tall oil fatty acids	0.18	N/A	N/A	N/A
Rights of way	Tebuthiuron	0.97	N/A	N/A	N/A
Rights of way	Triclopyr choline	4,781.55	N/A	N/A	N/A
Rights of way	Triclopyr, butoxyethyl ester	64.4	N/A	N/A	N/A
Rights of way	Triclopyr, triethylamine salt	144.92	N/A	N/A	N/A
Rights of way	Vinyl ester polymer	0.25	N/A	N/A	N/A
Ryegrass	2,4-d, dimethylamine salt	15.75	1	14.0	A
Ryegrass	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	2.33	1	14.0	A
Ryegrass	Benzoic acid	0.08	1	14.0	A
Ryegrass	Butyl alcohol	0.29	1	14.0	A
Ryegrass	Dimethyl alkyl tertiary amines	0.09	1	14.0	A
Ryegrass	Dimethylpolysiloxane	<0.01	1	14.0	A
Ryegrass	Methylated soybean oil	3.04	1	14.0	A
Soil fumigation/preplant	1,3-dichloropropene	26,813.85	5	81.3	A
Squash	Azadirachtin	<0.01	2	500.0	S
Squash	Bacillus pumilus, strain qst 2808	<0.01	1	250.0	S
Squash	Bifenthrin	1.62	1	18.0	A
Squash	Qst 713 strain of dried bacillus subtilis	<0.01	1	250.0	S
Stone fruit	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	0.01	1	0.25	A
Stone fruit	Bacillus thuringiensis (berliner)	<0.01	5	0.8	A
Stone fruit	Copper hydroxide	0.03	5	1.1	A
Stone fruit	Copper hydroxide	0.09	1	1,400.0	S
Stone fruit	Copper oxychloride	0.03	5	1.1	A
Stone fruit	Copper oxychloride	0.1	1	1,400.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Stone fruit	Cuprous oxide	0.34	1	0.1	A
Stone fruit	Cuprous oxide	0.1	1	11,000.0	S
Stone fruit	Lime-sulfur	1.2	2	26.0	U
Stone fruit	Mineral oil	1.27	10	1.9	A
Stone fruit	Mineral oil	0.88	2	12,400.0	S
Stone fruit	Mineral oil	1.32	2	26.0	U
Strawberry	Bifenazate	2.0	4	10.0	A
Structural pest control	2-methyl-1-butanol	0.01	N/A	N/A	N/A
Structural pest control	4-aminopyridine	0.09	N/A	N/A	N/A
Structural pest control	Abamectin	0.03	N/A	N/A	N/A
Structural pest control	Abamectin, other related	<0.01	N/A	N/A	N/A
Structural pest control	Acephate	11.03	N/A	N/A	N/A
Structural pest control	Acetamiprid	0.03	N/A	N/A	N/A
Structural pest control	Acetic acid	0.02	N/A	N/A	N/A
Structural pest control	Alkyl (50% ^c 14, 40% ^c 12, 10% ^c 16) dimethylbenzyl ammonium chloride	0.6	N/A	N/A	N/A
Structural pest control	Alpha-cypermethrin	118.84	N/A	N/A	N/A
Structural pest control	Beauveria bassiana strain gha	0.13	N/A	N/A	N/A
Structural pest control	Beta-cyfluthrin	166.93	N/A	N/A	N/A
Structural pest control	Bifenthrin	431.34	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	Borax	19.52	N/A	N/A	N/A
Structural pest control	Boric acid	1,683.01	N/A	N/A	N/A
Structural pest control	Brodifacoum	0.01	N/A	N/A	N/A
Structural pest control	Bromadiolone	0.03	N/A	N/A	N/A
Structural pest control	Bromethalin	0.74	N/A	N/A	N/A
Structural pest control	Chlorantraniliprole	23.15	N/A	N/A	N/A
Structural pest control	Chlorfenapyr	186.69	N/A	N/A	N/A
Structural pest control	Chlorophacinone	0.01	N/A	N/A	N/A
Structural pest control	Chloropicrin	1.7	N/A	N/A	N/A
Structural pest control	Cholecalciferol	3.86	N/A	N/A	N/A
Structural pest control	Clothianidin	0.42	N/A	N/A	N/A
Structural pest control	Copper hydroxide	2.18	N/A	N/A	N/A
Structural pest control	Copper naphthenate	0.09	N/A	N/A	N/A
Structural pest control	Copper oxychloride	2.39	N/A	N/A	N/A
Structural pest control	Cyantraniliprole	0.01	N/A	N/A	N/A
Structural pest control	Cyfluthrin	7.35	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	Cypermethrin	3.68	N/A	N/A	N/A
Structural pest control	D-allethrin	<0.01	N/A	N/A	N/A
Structural pest control	D-allethrin, other related	<0.01	N/A	N/A	N/A
Structural pest control	D-trans allethrin	0.02	N/A	N/A	N/A
Structural pest control	Deltamethrin	200.31	N/A	N/A	N/A
Structural pest control	Diatomaceous earth	21.55	N/A	N/A	N/A
Structural pest control	Didecyl dimethyl ammonium chloride	0.01	N/A	N/A	N/A
Structural pest control	Difethialone	0.01	N/A	N/A	N/A
Structural pest control	Dinotefuran	165.94	N/A	N/A	N/A
Structural pest control	Diphacinone	0.57	N/A	N/A	N/A
Structural pest control	Diphacinone, sodium salt	0.02	N/A	N/A	N/A
Structural pest control	Disodium octaborate tetrahydrate	3,219.01	N/A	N/A	N/A
Structural pest control	Emamectin benzoate	0.02	N/A	N/A	N/A
Structural pest control	Esfenvalerate	18.2	N/A	N/A	N/A
Structural pest control	Etofenprox	0.65	N/A	N/A	N/A
Structural pest control	Fipronil	244.68	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	Gamma-cyhalothrin	2.45	N/A	N/A	N/A
Structural pest control	Glyphosate, isopropylamine salt	6.74	N/A	N/A	N/A
Structural pest control	Heptyl butyrate	0.02	N/A	N/A	N/A
Structural pest control	Hexaflumuron	0.02	N/A	N/A	N/A
Structural pest control	Hydramethylnon	1.24	N/A	N/A	N/A
Structural pest control	Hydroprene	27.68	N/A	N/A	N/A
Structural pest control	Imidacloprid	521.13	N/A	N/A	N/A
Structural pest control	Indole	<0.01	N/A	N/A	N/A
Structural pest control	Indoxacarb	2.48	N/A	N/A	N/A
Structural pest control	Iodine	1.65	N/A	N/A	N/A
Structural pest control	Iron phosphate	0.03	N/A	N/A	N/A
Structural pest control	Isopropyl alcohol	5.21	N/A	N/A	N/A
Structural pest control	Lambda-cyhalothrin	19.2	N/A	N/A	N/A
Structural pest control	Limonene	97.69	N/A	N/A	N/A
Structural pest control	Mancozeb	11.25	N/A	N/A	N/A
Structural pest control	Mefenoxam	0.24	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	Mefenoxam, other related	0.01	N/A	N/A	N/A
Structural pest control	Methoprene	<0.01	N/A	N/A	N/A
Structural pest control	Methyl anthranilate	6.42	N/A	N/A	N/A
Structural pest control	Metofluthrin	0.01	N/A	N/A	N/A
Structural pest control	Muscalure	0.06	N/A	N/A	N/A
Structural pest control	N-octyl bicycloheptene dicarboximide	71.03	N/A	N/A	N/A
Structural pest control	Novaluron	0.82	N/A	N/A	N/A
Structural pest control	Noviflumuron	0.07	N/A	N/A	N/A
Structural pest control	Permethrin	333.29	N/A	N/A	N/A
Structural pest control	Permethrin, other related	<0.01	N/A	N/A	N/A
Structural pest control	Petroleum distillates	0.04	N/A	N/A	N/A
Structural pest control	Phenothrin	0.44	N/A	N/A	N/A
Structural pest control	Phenothrin, other related	<0.01	N/A	N/A	N/A
Structural pest control	Phenylethyl propionate	0.06	N/A	N/A	N/A
Structural pest control	Piperonyl butoxide	108.08	N/A	N/A	N/A
Structural pest control	Piperonyl butoxide, other related	16.18	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	Prallethrin	3.15	N/A	N/A	N/A
Structural pest control	Putrescent whole egg solids	0.02	N/A	N/A	N/A
Structural pest control	Pyrethrins	33.17	N/A	N/A	N/A
Structural pest control	Pyriproxyfen	4.71	N/A	N/A	N/A
Structural pest control	S-bioallethrin	<0.01	N/A	N/A	N/A
Structural pest control	S-methoprene	0.06	N/A	N/A	N/A
Structural pest control	Silica aerogel	40.0	N/A	N/A	N/A
Structural pest control	Sodium chlorite	1.41	N/A	N/A	N/A
Structural pest control	Sodium decyl sulfate	2.01	N/A	N/A	N/A
Structural pest control	Sodium dichloro-s-triazinetrione	0.57	N/A	N/A	N/A
Structural pest control	Sodium lauroampho acetate	1.51	N/A	N/A	N/A
Structural pest control	Sodium lauryl sulfate	1.02	N/A	N/A	N/A
Structural pest control	Spinosad	<0.01	N/A	N/A	N/A
Structural pest control	Sugar	0.05	N/A	N/A	N/A
Structural pest control	Sulfur dioxide	16.83	N/A	N/A	N/A
Structural pest control	Sulfuryl fluoride	42,823.21	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	Tetramethrin	0.11	N/A	N/A	N/A
Structural pest control	Thiamethoxam	0.42	N/A	N/A	N/A
Structural pest control	Thyme	<0.01	N/A	N/A	N/A
Structural pest control	Trimethylamine	<0.01	N/A	N/A	N/A
Structural pest control	Warfarin	<0.01	N/A	N/A	N/A
Structural pest control	Yeast	0.01	N/A	N/A	N/A
Structural pest control	Zeta-cypermethrin	<0.01	N/A	N/A	N/A
Structural pest control	Zinc phosphide	1.38	N/A	N/A	N/A
Tomatillo	Azadirachtin	<0.01	2	200.0	S
Tomatillo	Bacillus pumilus, strain qst 2808	<0.01	1	100.0	S
Tomatillo	Qst 713 strain of dried bacillus subtilis	<0.01	1	100.0	S
Tomato	Azadirachtin	0.02	3	5,300.0	S
Tomato	Bacillus pumilus, strain qst 2808	<0.01	1	500.0	S
Tomato	Bacillus thuringiensis (berliner)	0.06	2	3,300.0	S
Tomato	Clarified hydrophobic extract of neem oil	0.34	2	3,300.0	S
Tomato	Reynoutria sachalinensis	0.05	3	4,805.0	S
Uncultivated ag	2,4-d, dimethylamine salt	434.27	4	512.97	A
Uncultivated ag	Alkyl (c8,c10) polyglucoside	0.01	1	0.08	A
Uncultivated ag	Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	9.64	4	512.97	A
Uncultivated ag	Alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	0.36	1	2.08	A
Uncultivated ag	Ammonium nitrate	1.24	4	512.97	A
Uncultivated ag	Ammonium sulfate	146.22	5	595.43	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Uncultivated ag	Benzoic acid	2.92	4	512.97	A
Uncultivated ag	Butyl lactate	0.17	N/A	1.0	A
Uncultivated ag	Carfentrazone-ethyl	<0.01	1	0.08	A
Uncultivated ag	Dimethyl alkyl tertiary amines	3.19	4	512.97	A
Uncultivated ag	Dimethylpolysiloxane	0.06	N/A	82.38	A
Uncultivated ag	Flumioxazin	30.71	N/A	80.38	A
Uncultivated ag	Glufosinate-ammonium	0.02	1	0.02	A
Uncultivated ag	Glyphosate, isopropylamine salt	25.96	5	11.08	A
Uncultivated ag	Glyphosate, potassium salt	475.36	4	595.35	A
Uncultivated ag	Indaziflam	0.18	1	4.0	A
Uncultivated ag	Methylated soybean oil	119.09	6	520.97	A
Uncultivated ag	Oxyfluorfen	9.14	2	8.0	A
Uncultivated ag	Polyoxyethylene sorbitan monolaurate	1.5	N/A	1.0	A
Uncultivated ag	Sethoxydim	0.75	1	4.0	A
Uncultivated ag	Silica filled polydimethylsiloxane	<0.01	N/A	1.0	A
Uncultivated ag	Simazine	12.02	1	4.0	A
Uncultivated non-ag	Aminopyralid, triisopropanolamine salt	10.54	N/A	60.0	A
Uncultivated non-ag	Dithiopyr	3.9	N/A	8.0	A
Uncultivated non-ag	Glyphosate, isopropylamine salt	25.92	N/A	40.0	A
Uncultivated non-ag	Oleic acid, ethyl ester	38.73	N/A	150.0	A
Uncultivated non-ag	Polyethylene glycol stearate	9.68	N/A	150.0	A
Uncultivated non-ag	Triclopyr choline	8.37	N/A	50.0	A
Uncultivated non-ag	Triclopyr, butoxyethyl ester	26.65	N/A	20.0	A
Unknown	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	0.62	3	3.24	A
Unknown	Alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	1.08	2	12.46	A
Unknown	Ammonium sulfate	23.47	2	12.46	A
Unknown	Dimethylpolysiloxane	0.01	2	12.46	A
Unknown	Glyphosate, potassium salt	34.34	2	12.46	A
Unknown	Hydrogen peroxide	3.44	1	1.38	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Unknown	Oxyfluorfen	18.97	2	12.46	A
Unknown	Peroxyacetic acid	0.25	1	1.38	A
Unknown	Polyoxin d, zinc salt	0.01	2	2.31	A
Unknown	Qst 713 strain of dried bacillus subtilis	0.11	1	0.93	A
Vertebrate control	Cholecalciferol	<0.01	N/A	N/A	N/A
Walnut	Glyphosate, potassium salt	9.83	2	10.12	A
Walnut	Malathion	12.27	1	10.0	A
Water (industrial)	2-methyl-4-isothiazolin-3-one	0.96	N/A	49.0	U
Water (industrial)	5-chloro-2-methyl-4-isothiazolin-3-one	2.73	N/A	49.0	U
Water (industrial)	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	1.18	N/A	18.75	A
Water (industrial)	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	1.79	N/A	21.45	A
Water (industrial)	Alpha-undecyl-omega-hydroxypoly(oxyethylene)	1.75	N/A	22.05	A
Water (industrial)	Ammonium propionate	2.47	N/A	21.45	A
Water (industrial)	Ammonium sulfate	0.62	N/A	21.45	A
Water (industrial)	Chlorine dioxide	1.12	N/A	3.0	U
Water (industrial)	Citric acid	1.24	N/A	21.45	A
Water (industrial)	Copper ethanolamine complexes, mixed	537.87	N/A	299.36	A
Water (industrial)	Copper sulfate (pentahydrate)	43.08	N/A	54.65	A
Water (industrial)	Diquat dibromide	868.77	N/A	171.45	A
Water (industrial)	Endothall, dipotassium salt	100.47	N/A	24.1	A
Water (industrial)	Fluridone	5.95	N/A	25.35	A
Water (industrial)	Glutaraldehyde	368.69	N/A	5.0	U
Water (industrial)	Glyphosate, isopropylamine salt	130.28	N/A	68.96	A
Water (industrial)	Hydrogen peroxide	124.57	N/A	10.25	A
Water (industrial)	Lecithin	1.5	N/A	4.0	A
Water (industrial)	Limonene	21.67	N/A	50.25	A
Water (industrial)	Methylated soybean oil	45.17	N/A	65.0	A
Water (industrial)	Oleic acid, methyl ester	8.16	N/A	22.05	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Water (industrial)	Paclobutrazol	0.49	N/A	4.0	A
Water (industrial)	Peroxyacetic acid	28.7	N/A	10.25	A
Water (industrial)	Propionic acid	1.5	N/A	4.0	A
Water (industrial)	Sodium bromide	159.32	N/A	4.0	U
Water (industrial)	Sodium carbonate peroxyhydrate	1,204.03	N/A	75.2	A
Water (industrial)	Sodium hypochlorite	128.81	N/A	5.0	U
Water (industrial)	Sodium polyacrylate	0.06	N/A	21.45	A
Water (industrial)	Tall oil fatty acids	1.75	N/A	22.05	A
Water (industrial)	Terbuthylazine	178.03	N/A	96.0	U
Water area	Alkyl (c8,c10) polyglucoside	0.04	1	0.2	A
Water area	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	0.03	N/A	2.0	A
Water area	Alpha-undecyl-omega-hydroxypoly(oxyethylene)	0.25	N/A	1.0	A
Water area	Ammonium nitrate	0.14	1	0.2	A
Water area	Bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins	1,017.12	N/A	1,288.0	A
Water area	Bacillus thuringiensis, subsp. israelensis, strain am 65-52	2,390.61	N/A	1,227.0	A
Water area	Benzoic acid	0.1	21	18.2	A
Water area	Butyl lactate	3.59	20	16.2	A
Water area	Citric acid	0.04	N/A	1.0	A
Water area	Copper ethanolamine complexes, mixed	35.92	2	5.92	A
Water area	Copper ethylenediamine complex	12.07	1	3.0	A
Water area	Copper sulfate (pentahydrate)	420.68	4	31.05	A
Water area	Copper triethanolamine complex	13.63	1	3.0	A
Water area	Dimethyl alkyl tertiary amines	0.11	21	18.2	A
Water area	Diquat dibromide	135.74	21	19.5	A
Water area	Flumioxazin	0.51	N/A	1.5	A
Water area	Fluridone	1.52	N/A	420,353.34	C

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Water area	Glyphosate, isopropylamine salt	2.91	1	1.45	A
Water area	Glyphosate, isopropylamine salt	0.26	2	6,000.0	S
Water area	Hydrogen peroxide	224.72	N/A	92.65	U
Water area	Imazamox, ammonium salt	1.06	N/A	1.0	A
Water area	Lecithin	0.6	N/A	3.0	A
Water area	Methoprene	24.96	N/A	313.0	A
Water area	Methylated soybean oil	4.37	22	19.4	A
Water area	Oleic acid, ethyl ester	2.98	N/A	1.0	A
Water area	Peroxyacetic acid	153.22	N/A	92.65	U
Water area	Poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	<0.01	1	0.2	A
Water area	Polyethoxylated castor oil	0.04	1	0.2	A
Water area	Polyethylene glycol stearate	0.74	N/A	1.0	A
Water area	Polyoxyethylene polyol fatty acid esters	0.2	N/A	1.0	A
Water area	Polyoxyethylene sorbitan monolaurate	30.41	20	15.2	A
Water area	Propionic acid	0.09	N/A	2.0	A
Water area	S-methoprene	81.7	N/A	407.0	A
Water area	Silica filled polydimethylsiloxane	0.02	20	15.2	A
Water area	Spinosad	45.63	N/A	61.0	A
Water area	Tall oil fatty acids	0.03	1	0.2	A
Water systems - human potable/drinking	Sodium hypochlorite	0.89	N/A	5.0	A