2024 Annual Statewide Pesticide Use Report Indexed by Commodity: Sonoma 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
Animal Premise	Brodifacoum	< 0.01	0	40.00	A
Animal Premise	Bromadiolone	< 0.01	1	80.00	A
Animal Premise	Bromadiolone	0.01	102	4,841,000.00	S
Animal Premise	Bromethalin	< 0.01	24	840,000.00	S
Animal Premise	Difethialone	< 0.01	1	40.00	A
Apple	(e,e)-8,10-dodecadien-1-ol	0.69	30	280.79	A
Apple	1-naphthaleneacetic acid, potassium salt	0.05	1	2.00	A
Apple	2,4-decadienoic acid, ethyl ester, (2e,4z)-	0.27	27	278.69	A
Apple	Acetamiprid	15.39	18	182.50	A
Apple	Afidopyropen	0.11	1	5.00	A
Apple	Aggregated adjuvant data	1.84	9	18.10	A
Apple	Azadirachtin	0.03	2	20.00	A
Apple	Bacillus thuringiensis subsp. kurstaki strain: abts-351	658.48	78	642.71	A
Apple	Bacillus velezensis strain: qst 713	< 0.01	2	20.00	A
Apple	Chlorantraniliprole	5.82	13	183.00	A
Apple	Chromobacterium subtsugae strain: praa4-1	89.10	18	99.00	A
Apple	Copper hydroxide	152.74	21	203.00	A
Apple	Copper oxychloride	133.53	18	186.50	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Apple	Cuprous oxide	7.21	9	6.25	A
Apple	Cydia pomonella granulosis virus	0.03	19	167.50	A
Apple	Diazinon	18.00	3	14.00	A
Apple	Flumioxazin	1.99	1	10.00	A
Apple	Glufosinate-ammonium	2.05	1	4.00	A
Apple	Glyphosate, potassium salt	2.76	1	10.00	A
Apple	Hydrogen peroxide	2.33	2	2.50	A
Apple	Kaolin	8,529.10	34	243.60	A
Apple	Lauryl alcohol	0.03	1	1.50	A
Apple	Lime-sulfur	8,807.73	120	938.80	A
Apple	Lime-sulfur	0.78	2	15.00	U
Apple	Mancozeb	436.50	21	199.00	A
Apple	Methoxyfenozide	10.02	6	43.00	A
Apple	Mineral oil	17,620.32	94	724.20	A
Apple	Mineral oil	0.69	2	15.00	U
Apple	Myclobutanil	11.57	16	133.00	A
Apple	Myristyl alcohol	< 0.01	1	1.50	A
Apple	Peroxyacetic acid	0.17	2	2.50	A
Apple	Petroleum oil, sulfurized	3.64	1	0.50	A
Apple	Pyrethrins	0.48	5	17.00	A
Apple	Reynoutria sachalinensis (giant knotweed) plant extract	0.72	2	5.00	A
Apple	Spinetoram	3.96	9	39.50	A
Apple	Spinosad	24.31	25	226.00	A
Apple	Sulfur	6,857.19	110	798.90	A
Apple	Thiophanate-methyl	56.00	4	64.00	A
Arugula	Azadirachtin	0.01	16	3,800.00	S
Arugula	Bacillus thuringiensis subsp. kurstaki strain: abts-351	< 0.01	1	810.00	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Arugula	Bacillus velezensis strain: qst 713	< 0.01	14	3,200.00	S
Arugula	Beauveria bassiana strain: gha	< 0.01	1	810.00	S
Arugula	Burkholderia rinojensis strain a396	0.32	15	3,000.00	S
Arugula	Reynoutria sachalinensis (giant knotweed) plant extract	0.04	19	4,000.00	S
Arugula	Strepomyces lydicus strain: wyec 108	< 0.01	1	810.00	S
Basil, Sweet	Azadirachtin	< 0.01	3	600.00	S
Basil, Sweet	Bacillus velezensis strain: qst 713	< 0.01	1	200.00	S
Basil, Sweet	Burkholderia rinojensis strain a396	0.19	4	1,800.00	S
Basil, Sweet	Reynoutria sachalinensis (giant knotweed) plant extract	0.02	6	2,200.00	S
Beehive	Formic acid	0.30	0	3.00	U
Beehive	Thymol	0.66	0	6.00	U
Broccoli	Bacillus thuringiensis subsp. kurstaki strain: abts-351	0.14	1	0.25	A
Cannabis (All Or Unspecified)	2,4-d, dimethylamine salt	2.83	44	197,000.00	S
Cannabis (All Or Unspecified)	Aggregated adjuvant data	6.35	21	102,000.00	S
Cannabis (All Or Unspecified)	Azadirachtin	1.96	225	701,724.00	S
Cannabis (All Or Unspecified)	Azadirachtin	0.01	0	737.00	U
Cannabis (All Or Unspecified)	Bacillus thuringiensis subspecies israelensis strain bmp 144	0.02	16	168,000.00	S
Cannabis (All Or Unspecified)	Burkholderia rinojensis strain a396	396.58	258	639,280.00	S
Cannabis (All Or Unspecified)	Dicamba, dimethylamine salt	0.32	44	197,000.00	S
Cannabis (All Or Unspecified)	Iba	0.07	187	89,760.00	S
Cannabis (All Or Unspecified)	Mcpp-p, dma salt	0.68	44	197,000.00	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Cannabis (All Or Unspecified)	Mineral oil	31.45	49	224,736.00	S
Cannabis (All Or Unspecified)	Mineral oil	0.91	0	737.00	U
Cannabis (All Or Unspecified)	Potassium laurate	298.91	1,047	1,572,301.00	S
Cannabis (All Or Unspecified)	Pyrethrins	0.07	48	73,721.00	S
Cannabis (All Or Unspecified)	Reynoutria sachalinensis (giant knotweed) plant extract	8.83	289	683,061.00	S
Cannabis (All Or Unspecified)	Reynoutria sachalinensis (giant knotweed) plant extract	0.86	1	1,890.00	U
Cannabis (All Or Unspecified)	Spinosad	0.10	34	156,000.00	S
Cannabis (All Or Unspecified)	Sulfur	15.97	450	618,887.00	S
Chicory	Azadirachtin	< 0.01	6	1,600.00	S
Chicory	Bacillus velezensis strain: qst 713	< 0.01	5	1,200.00	S
Chicory	Burkholderia rinojensis strain a396	0.11	5	1,000.00	S
Chicory	Reynoutria sachalinensis (giant knotweed) plant extract	0.02	6	1,400.00	S
Chinese Amaranth (Chinese Spinach, Tampala, Yin Choy)	Azadirachtin	< 0.01	1	100.00	S
Chinese Amaranth (Chinese Spinach, Tampala, Yin Choy)	Bacillus velezensis strain: qst 713	< 0.01	1	100.00	S
Christmas Tree	Bifenthrin	0.29	1	6.00	A
Christmas Tree	Chlorothalonil	7.49	1	6.00	A
Collard	Bacillus thuringiensis subsp. kurstaki strain: abts-351	0.01	3	2,340.00	S
Collard	Beauveria bassiana strain: gha	< 0.01	4	3,120.00	S
Collard	Iron phosphate	< 0.01	2	1,560.00	S
Collard	Potassium laurate	0.02	1	780.00	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Collard	Spinosad	< 0.01	2	1,560.00	S
Collard	Strepomyces lydicus strain: wyec 108	< 0.01	3	2,340.00	S
Commodity Fumigation	Phosphine	7.00	0	0.00	N/A
Commodity Fumigation	Sulfur dioxide	139.23	0	0.00	N/A
Dandelion Green	Azadirachtin	< 0.01	6	900.00	S
Dandelion Green	Bacillus velezensis strain: qst 713	< 0.01	7	1,200.00	S
Dandelion Green	Burkholderia rinojensis strain a396	0.16	8	1,500.00	S
Dandelion Green	Reynoutria sachalinensis (giant knotweed) plant extract	0.01	7	1,200.00	S
Eggplant	Spinosad	< 0.01	1	0.25	A
Fava Bean	Azadirachtin	< 0.01	2	400.00	S
Fava Bean	Bacillus velezensis strain: qst 713	< 0.01	2	400.00	S
Fig	Glyphosate, isopropylamine salt	7.02	1	0.42	A
Forest, Timberland	Aggregated adjuvant data	49.76	7	210.60	A
Forest, Timberland	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	39.75	4	144.60	A
Forest, Timberland	Aminopyralid, triisopropanolamine salt	1.81	1	15.00	A
Forest, Timberland	Glyphosate, isopropylamine salt	13.44	2	37.00	A
Forest, Timberland	Imazapyr, isopropylamine salt	143.11	8	199.60	A
Forest, Timberland	Methylated soybean oil	687.33	9	260.60	A
Forest, Timberland	Sulfometuron-methyl	0.59	2	37.00	A
Forest, Timberland	Triclopyr, butoxyethyl ester	27.43	1	15.00	A
Forest, Timberland	Triclopyr, triethylamine salt	204.16	5	116.00	A
Fumigation, Other	Alkyl* dimethyl benzyl ammonium chloride *(50%c14, 40%c12, 10%c16)	0.02	0	0.00	N/A
Fumigation, Other	Cholecalciferol	< 0.01	0	0.00	N/A
Fumigation, Other	Didecyl dimethyl ammonium chloride	< 0.01	0	0.00	N/A
Fumigation, Other	Dioctyl dimethyl ammonium chloride	< 0.01	0	0.00	N/A
Fumigation, Other	Esfenvalerate	0.02	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Fumigation, Other	Imidacloprid	< 0.01	0	0.00	N/A
Fumigation, Other	Magnesium phosphide	3.50	0	0.00	N/A
Fumigation, Other	Octyl decyl dimethyl ammonium chloride	0.02	0	0.00	N/A
Fumigation, Other	Piperonyl butoxide	0.03	0	0.00	N/A
Fumigation, Other	Prallethrin	< 0.01	0	0.00	N/A
Fumigation, Other	Pyrethrins	< 0.01	0	0.00	N/A
Fumigation, Other	Silica gel	0.01	0	0.00	N/A
Fumigation, Other	Sodium tetraborate decahydrate	0.89	0	0.00	N/A
Fumigation, Other	Sulfur dioxide	3.02	2	2.00	U
Fumigation, Other	Sulfur dioxide	7,790.88	0	0.00	N/A
Golf Course Turf	Azoxystrobin	0.06	0	4,000.00	S
Golf Course Turf	Chlorothalonil	83.90	0	525,000.00	S
Golf Course Turf	Mineral oil	156.60	0	825,000.00	S
Golf Course Turf	Propiconazole	0.15	0	4,000.00	S
Grape	Bacillus velezensis strain: qst 713	< 0.01	2	0.58	A
Grape	Lime-sulfur	0.37	1	4,400.00	S
Grape	Sulfur	122.50	1	8.00	A
Grape, Wine	2,4-xylenol	0.20	1	22.95	A
Grape, Wine	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	17,819.73	7,960	83,536.48	A
Grape, Wine	3,7-dimethyl-6-octen-1-ol	0.49	7	42.08	A
Grape, Wine	4-nonylphenol, formaldehyde resin, propoxylated	2,290.78	1,311	24,209.22	A
Grape, Wine	Abamectin	3.67	13	179.62	A
Grape, Wine	Acetamiprid	221.74	166	2,789.22	A
Grape, Wine	Acrylic acid-butyl acrylate-styrene copolymer	666.36	3,011	8,958.98	A
Grape, Wine	Aggregated adjuvant data	6,928.80	4,767	64,573.96	A
Grape, Wine	Albifimbia verrucariasolids and solubles strain: aarc-0255	302.97	22	47.48	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, Wine	Alcohols, c12-14-secondary, ethoxylated	5,033.90	2,700	51,170.18	A
Grape, Wine	Alkyl (c8,c10) polyglucoside	2,170.75	1,038	10,073.71	A
Grape, Wine	Allethrin	0.03	1	6.00	A
Grape, Wine	Allyl polyoxyethylene acetate	203.42	174	4,216.77	A
Grape, Wine	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	9,184.11	1,254	39,007.02	A
Grape, Wine	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	119.62	74	1,065.92	A
Grape, Wine	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	418.43	78	1,094.42	A
Grape, Wine	Alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	0.56	11	39.00	A
Grape, Wine	Alpha-alkylaryl-omega-hydroxypoly(oxyethylene)	6.25	3	9.28	A
Grape, Wine	Alpha-pinene-beta-pinene copolymer	691.47	432	4,831.92	A
Grape, Wine	Alpha-undecyl-omega-hydroxypoly(oxyethylene)	11.99	14	94.08	A
Grape, Wine	Ammonium nitrate	4,933.49	2,407	25,102.77	A
Grape, Wine	Ammonium nonanoate	33.39	2	30.00	A
Grape, Wine	Ammonium sulfate	13,587.13	2,408	25,294.98	A
Grape, Wine	Azadirachtin	1.00	8	29.86	A
Grape, Wine	Azoxystrobin	686.15	194	3,342.76	A
Grape, Wine	Bacillus altitudinis strain: qst 2808	863.41	1,976	9,917.94	A
Grape, Wine	Bacillus amyloliquefacens strain: f727	1,009.13	17	152.05	A
Grape, Wine	Bacillus subtilis subspecies subtilis strain: iab/bs03	7.43	36	743.63	A
Grape, Wine	Bacillus thuringiensis subsp. kurstaki strain: abts-351	1,091.21	81	1,361.83	A
Grape, Wine	Bacillus velezensis strain: d747	953.93	20	237.75	A
Grape, Wine	Bacillus velezensis strain: mbi 600	1.85	4	21.21	A
Grape, Wine	Bacillus velezensis strain: qst 713	2,559.46	1,854	10,904.48	A
Grape, Wine	Bacteriophages active against xylella fastidiosa	< 0.01	15	91.30	A
Grape, Wine	Benzoic acid	60.09	1,288	12,584.15	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, Wine	Benzovindiflupyr	125.98	126	2,012.52	A
Grape, Wine	Beta-conglutin	671.35	102	1,291.34	A
Grape, Wine	Bifenazate	106.00	16	1,182.75	A
Grape, Wine	Boscalid	536.00	155	1,975.67	A
Grape, Wine	Buprofezin	14.71	1	14.01	A
Grape, Wine	Burkholderia rinojensis strain a396	18.61	2	4.30	A
Grape, Wine	Butadiene-styrene copolymer	0.94	9	35.00	A
Grape, Wine	Butyl lactate	288.17	373	6,004.57	A
Grape, Wine	Capric acid	1,238.61	62	250.15	A
Grape, Wine	Caprylic acid	1,819.30	63	258.65	A
Grape, Wine	Carfentrazone-ethyl	105.95	626	4,994.46	A
Grape, Wine	Castor oil ethoxylate	2,786.66	1,902	21,469.45	A
Grape, Wine	Cerevisane (cell walls of saccharomyces cerevisiae strain las117)	1,162.28	527	4,409.50	A
Grape, Wine	Chlorantraniliprole	29.90	12	462.23	A
Grape, Wine	Chromobacterium subtsugae strain: praa4-1	0.69	1	2.30	A
Grape, Wine	Citric acid	342.68	217	1,833.82	A
Grape, Wine	Clethodim	2.36	2	23.00	A
Grape, Wine	Clothianidin	2.79	3	33.02	A
Grape, Wine	Copper hydroxide	3,383.11	686	10,837.33	A
Grape, Wine	Copper oxychloride	5,635.12	693	11,216.38	A
Grape, Wine	Copper salts of fatty and rosin acids	0.61	1	1.00	A
Grape, Wine	Copper sulfate (basic)	1,089.29	31	935.05	A
Grape, Wine	Copper sulfate (pentahydrate)	9.90	2	5.00	A
Grape, Wine	Cuprous oxide	10,816.62	1,108	12,887.77	A
Grape, Wine	Cyflufenamid	649.67	1,429	20,622.63	A
Grape, Wine	Cyflumetofen	124.57	96	681.53	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, Wine	Cyprodinil	5,830.23	1,965	27,418.75	A
Grape, Wine	Ddvp	0.35	1	8.00	A
Grape, Wine	Ddvp, other related	0.03	1	8.00	A
Grape, Wine	Didecyl dimethyl ammonium chloride	3.61	2	40.00	A
Grape, Wine	Difenoconazole	1,051.05	1,352	20,384.90	A
Grape, Wine	Dimethyl alkyl tertiary amines	65.65	1,288	12,584.15	A
Grape, Wine	Dimethyl silicone fluid emulsion	9.78	140	2,143.25	A
Grape, Wine	Dimethylpolysiloxane	1,270.30	2,619	41,109.30	A
Grape, Wine	Dinotefuran	64.08	23	684.90	A
Grape, Wine	Dioctyl dimethyl ammonium chloride	2.41	2	40.00	A
Grape, Wine	Diquat dibromide	60.37	3	68.07	A
Grape, Wine	Etoxazole	43.89	19	431.89	A
Grape, Wine	Farnesol	0.20	7	42.08	A
Grape, Wine	Fenarimol	0.14	1	3.00	A
Grape, Wine	Fenazaquin	19.41	1	32.98	A
Grape, Wine	Fenhexamid	5,835.81	553	11,902.85	A
Grape, Wine	Fenpropathrin	40.08	4	204.00	A
Grape, Wine	Fenpyroximate	4.41	2	40.00	A
Grape, Wine	Flazasulfuron	185.88	822	6,609.19	A
Grape, Wine	Fluazifop-butyl	84.11	35	225.43	A
Grape, Wine	Fluazifop-p-butyl	468.37	178	2,030.25	A
Grape, Wine	Fludioxonil	1,752.40	777	8,085.01	A
Grape, Wine	Flumioxazin	3,280.38	1,141	12,231.61	A
Grape, Wine	Fluopyram	3,016.42	1,545	27,843.80	A
Grape, Wine	Flupyradifurone	907.61	402	7,700.55	A
Grape, Wine	Flutianil	78.97	232	3,698.88	A
Grape, Wine	Flutriafol	892.16	550	11,089.34	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, Wine	Fluxapyroxad	0.59	2	7.25	A
Grape, Wine	Forchlorfenuron	0.07	16	16.52	A
Grape, Wine	Geraniol	0.49	7	42.08	A
Grape, Wine	Glufosinate-ammonium	21,331.39	2,236	20,252.50	A
Grape, Wine	Glycerol	239.63	76	1,115.80	A
Grape, Wine	Glyphosate, isopropylamine salt	10,085.86	709	7,817.99	A
Grape, Wine	Glyphosate, potassium salt	19,096.86	996	12,757.75	A
Grape, Wine	Harpin protein	2.90	50	2,426.10	A
Grape, Wine	Heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	211.35	141	4,394.68	A
Grape, Wine	Hydrogen peroxide	5,770.92	276	4,382.35	A
Grape, Wine	Hydroprene	< 0.01	1	0.75	A
Grape, Wine	Hypocrea (teleomorph)	12.67	147	2,982.12	A
Grape, Wine	Hypocrea atroviridis	12.67	147	2,982.12	A
Grape, Wine	Imidacloprid	2,675.53	408	7,120.88	A
Grape, Wine	Indaziflam	489.37	1,259	10,916.63	A
Grape, Wine	Indoxacarb	2.02	1	18.00	A
Grape, Wine	Iprodione	63.88	2	60.00	A
Grape, Wine	Isoxaben	10.96	3	32.00	A
Grape, Wine	Kaolin	2,827.69	47	264.16	A
Grape, Wine	Kresoxim-methyl	126.50	83	1,023.87	A
Grape, Wine	Laminarin	0.23	1	9.00	A
Grape, Wine	Lavandulyl senecioate	1,401.45	902	21,527.22	A
Grape, Wine	Lecithin	54.06	65	724.77	A
Grape, Wine	Lime-sulfur	1,543.15	5	76.00	A
Grape, Wine	Mancozeb	4.50	2	4.00	A
Grape, Wine	Mefentrifluconazole	988.09	400	7,995.33	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, Wine	Meta-cresol	0.20	1	22.95	A
Grape, Wine	Methoxyfenozide	1,158.05	210	4,333.36	A
Grape, Wine	Methyl silicone resins	10.21	13	46.99	A
Grape, Wine	Methylated soybean oil	6,428.34	2,049	19,612.23	A
Grape, Wine	Metrafenone	4,724.88	778	16,730.21	A
Grape, Wine	Mineral oil	326,145.79	4,084	64,748.67	A
Grape, Wine	Myclobutanil	525.96	378	5,804.22	A
Grape, Wine	N,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	160.90	167	2,122.38	A
Grape, Wine	N-octyl bicycloheptene dicarboximide	0.09	1	6.00	A
Grape, Wine	Nerolidol	0.49	7	42.08	A
Grape, Wine	Octyl decyl dimethyl ammonium chloride	6.02	2	40.00	A
Grape, Wine	Oleic acid, ethyl ester	1,654.44	383	3,871.92	A
Grape, Wine	Oleic acid, methyl ester	2,696.64	171	4,166.57	A
Grape, Wine	Orthosulfamuron	137.60	110	719.44	A
Grape, Wine	Oxyfluorfen	2,225.35	341	2,892.62	A
Grape, Wine	P-menth-1-ene, dimer	933.72	255	5,227.10	A
Grape, Wine	Pendimethalin	4,561.38	209	2,373.33	A
Grape, Wine	Permethrin	< 0.01	1	0.75	A
Grape, Wine	Peroxyacetic acid	954.48	274	4,372.35	A
Grape, Wine	Petroleum distillates	11.32	1	6.00	A
Grape, Wine	Piperonyl butoxide	0.05	1	6.00	A
Grape, Wine	Piperonyl butoxide, other related	0.01	1	6.00	A
Grape, Wine	Polyalkeneoxide modified heptamethyltrisiloxane	229.76	33	437.20	A
Grape, Wine	Polyethylene glycol	369.57	217	4,813.24	A
Grape, Wine	Polyethylene glycol diacetate	18.49	174	4,216.77	A
Grape, Wine	Polyethylene glycol stearate	413.61	383	3,871.92	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, Wine	Polyoxin d, zinc salt	91.78	548	3,222.11	A
Grape, Wine	Polyoxyethylene polyol fatty acid esters	1,322.61	866	6,854.10	A
Grape, Wine	Polyoxyethylene sorbitan monolaurate	1,902.09	326	5,699.48	A
Grape, Wine	Polypropylene glycol	0.04	2	10.95	A
Grape, Wine	Potassium bicarbonate	20,264.85	491	6,714.60	A
Grape, Wine	Potassium laurate	12.49	1	3.00	A
Grape, Wine	Potassium peroxymonosulfate	10.45	2	21.50	A
Grape, Wine	Potassium phosphite	115.78	7	57.80	A
Grape, Wine	Potassium silicate	14.46	7	20.00	A
Grape, Wine	Propiconazole	5.99	1	12.00	A
Grape, Wine	Propylene glycol	0.73	11	39.00	A
Grape, Wine	Pydiflumetofen	513.58	286	3,946.70	A
Grape, Wine	Pyraclostrobin	272.85	157	1,982.92	A
Grape, Wine	Pyraflufen-ethyl	3.43	109	1,019.68	A
Grape, Wine	Pyrethrins	6.64	18	330.96	A
Grape, Wine	Pyrimethanil	6,235.27	1,431	18,171.30	A
Grape, Wine	Pyriofenone	1,747.94	1,526	18,390.90	A
Grape, Wine	Quillaja	64.76	23	263.97	A
Grape, Wine	Quinoxyfen	3,354.51	2,125	34,068.70	A
Grape, Wine	Reynoutria sachalinensis (giant knotweed) plant extract	283.91	484	1,805.28	A
Grape, Wine	Rimsulfuron	64.96	151	1,872.27	A
Grape, Wine	Sethoxydim	71.55	48	282.50	A
Grape, Wine	Silica filled polydimethylsiloxane	18.59	170	3,099.26	A
Grape, Wine	Simazine	904.08	37	600.08	A
Grape, Wine	Sodium chlorite	1.47	1	12.00	A
Grape, Wine	Sodium hypochlorite	0.87	5	8.80	A
Grape, Wine	Spinetoram	14.17	3	181.38	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, Wine	Spinosad	3.67	47	137.96	A
Grape, Wine	Spirotetramat	2,481.63	1,121	20,961.23	A
Grape, Wine	Strychnine	5.83	69	872.22	A
Grape, Wine	Sulfoxaflor	10.31	7	118.31	A
Grape, Wine	Sulfur	1,568,321.24	13,773	235,670.97	A
Grape, Wine	Sulfur	288.00	1	76.00	P
Grape, Wine	Sulfur	9.60	1	2.70	S
Grape, Wine	Sulfur dioxide	4.21	0	410.00	U
Grape, Wine	Tall oil	113.07	112	8,616.37	A
Grape, Wine	Tall oil fatty acids	1,373.87	1,096	12,493.95	A
Grape, Wine	Tebuconazole	1,170.31	455	11,383.25	A
Grape, Wine	Tetraconazole	356.67	399	9,187.64	A
Grape, Wine	Thiamethoxam	890.97	234	6,928.81	A
Grape, Wine	Thiophanate-methyl	806.54	108	1,189.97	A
Grape, Wine	Triclopyr choline	8.37	2	41.01	A
Grape, Wine	Trifloxystrobin	991.29	334	9,152.69	A
Grape, Wine	Triflumizole	347.63	106	1,419.75	A
Grape, Wine	Zinc 2-pyridinethiol-1-oxide	0.28	2	60.00	A
Grape, Wine	Zinc phosphide	11.30	2	60.08	A
Herb, Spice	Azadirachtin	0.17	18	51,200.00	S
Herb, Spice	Bacillus thuringiensis subsp. kurstaki strain: abts-351	0.02	3	1,590.00	S
Herb, Spice	Bacillus velezensis strain: qst 713	0.09	11	31,000.00	S
Herb, Spice	Beauveria bassiana strain: gha	0.10	9	34,285.00	S
Herb, Spice	Burkholderia rinojensis strain a396	4.44	15	41,250.00	S
Herb, Spice	Iron phosphate	< 0.01	2	1,200.00	S
Herb, Spice	Potassium laurate	0.72	4	10,652.00	S
Herb, Spice	Reynoutria sachalinensis (giant knotweed) plant extract	0.68	22	61,450.00	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Herb, Spice	Spinosad	< 0.01	2	1,200.00	S
Herb, Spice	Strepomyces lydicus strain: wyec 108	< 0.01	17	70,577.00	S
Kale	Azadirachtin	< 0.01	1	100.00	S
Kale	Bacillus thuringiensis subsp. kurstaki strain: abts-351	0.17	4	18,290.00	S
Kale	Bacillus velezensis strain: qst 713	< 0.01	1	100.00	S
Kale	Beauveria bassiana strain: gha	0.10	10	31,260.00	S
Kale	Iron phosphate	0.03	3	8,760.00	S
Kale	Potassium laurate	0.31	4	6,640.00	S
Kale	Spinosad	< 0.01	3	8,760.00	S
Kale	Strepomyces lydicus strain: wyec 108	< 0.01	10	26,150.00	S
Landscape Maintenance	2,4-d	5.13	0	0.00	N/A
Landscape Maintenance	2,4-d, 2-ethylhexyl ester	146.63	0	0.00	N/A
Landscape Maintenance	2,4-d, dimethylamine salt	0.02	0	0.00	N/A
Landscape Maintenance	2,4-d, isooctyl ester	31.18	0	0.00	N/A
Landscape Maintenance	2,4-dp-p, 2-ethylhexyl ester	9.76	0	0.00	N/A
Landscape Maintenance	Abamectin	< 0.01	0	0.00	N/A
Landscape Maintenance	Acetamiprid	0.37	0	0.00	N/A
Landscape Maintenance	Acibenzolar-s-methyl	0.03	1	1.50	A
Landscape Maintenance	Acibenzolar-s-methyl	3.99	0	0.00	N/A
Landscape Maintenance	Aggregated adjuvant data	79.95	0	0.00	N/A
Landscape Maintenance	Alkyl (c8,c10) polyglucoside	87.87	0	0.00	N/A
Landscape Maintenance	Allethrin	0.30	0	0.00	N/A
Landscape Maintenance	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	91.47	0	0.00	N/A
Landscape Maintenance	Aminopyralid, triisopropanolamine salt	19.80	0	0.00	N/A
Landscape Maintenance	Ammonium 1-naphthaleneacetate	0.69	0	0.00	N/A
Landscape Maintenance	Ammonium nitrate	41.29	0	0.00	N/A
Landscape Maintenance	Ammonium nonanoate	119.09	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape Maintenance	Ammonium sulfate	83.13	0	0.00	N/A
Landscape Maintenance	Azadirachtin	0.04	0	0.00	N/A
Landscape Maintenance	Azoxystrobin	228.73	0	0.00	N/A
Landscape Maintenance	Bacillus subtilis subspecies subtilis strain: iab/bs03	< 0.01	0	0.00	N/A
Landscape Maintenance	Bacillus thuringiensis subsp. kurstaki strain: abts-351	0.03	0	0.00	N/A
Landscape Maintenance	Benzovindiflupyr	2.53	0	0.00	N/A
Landscape Maintenance	Beta-cyfluthrin	< 0.01	0	0.00	N/A
Landscape Maintenance	Bifenazate	0.02	0	0.00	N/A
Landscape Maintenance	Bifenthrin	2.75	0	0.00	N/A
Landscape Maintenance	Boric acid	57.00	0	0.00	N/A
Landscape Maintenance	Boscalid	0.46	0	0.00	N/A
Landscape Maintenance	Bromethalin	0.09	0	0.00	N/A
Landscape Maintenance	Capric acid	224.06	0	0.00	N/A
Landscape Maintenance	Caprylic acid	322.34	0	0.00	N/A
Landscape Maintenance	Carbon	1.16	0	0.00	N/A
Landscape Maintenance	Carfentrazone-ethyl	8.31	0	0.00	N/A
Landscape Maintenance	Chlorantraniliprole	70.43	0	0.00	N/A
Landscape Maintenance	Chlorophacinone	0.01	0	0.00	N/A
Landscape Maintenance	Chlorothalonil	15.23	1	1.50	A
Landscape Maintenance	Chlorothalonil	2,125.49	0	0.00	N/A
Landscape Maintenance	Clarified hydrophobic extract of neem oil	4.37	0	0.00	N/A
Landscape Maintenance	Clopyralid, monoethanolamine salt	5.02	0	0.00	N/A
Landscape Maintenance	Clopyralid,triethylamine salt	0.54	0	0.00	N/A
Landscape Maintenance	Clothianidin	311.33	0	0.00	N/A
Landscape Maintenance	Copper ammonium complex	1.43	0	0.00	N/A
Landscape Maintenance	Copper diammonium diacetate complex	3.08	0	0.00	N/A
Landscape Maintenance	Copper ethanolamine complexes, mixed	13.81	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape Maintenance	Copper hydroxide	297.02	0	0.00	N/A
Landscape Maintenance	Copper octanoate	0.62	0	0.00	N/A
Landscape Maintenance	Copper oxychloride	325.12	0	0.00	N/A
Landscape Maintenance	Copper sulfate (pentahydrate)	1.98	0	0.00	N/A
Landscape Maintenance	Cuprous oxide	13.74	0	0.00	N/A
Landscape Maintenance	Cyazofamid	11.30	0	0.00	N/A
Landscape Maintenance	Deltamethrin	0.08	0	0.00	N/A
Landscape Maintenance	Dicamba	13.21	0	0.00	N/A
Landscape Maintenance	Dicamba, dimethylamine salt	0.07	0	0.00	N/A
Landscape Maintenance	Difenoconazole	14.61	0	0.00	N/A
Landscape Maintenance	Dikegulac sodium	4.57	0	0.00	N/A
Landscape Maintenance	Dimethylpolysiloxane	1.67	0	0.00	N/A
Landscape Maintenance	Dinotefuran	20.22	0	0.00	N/A
Landscape Maintenance	Diphacinone	0.02	0	0.00	N/A
Landscape Maintenance	Diphacinone, sodium salt	< 0.01	0	0.00	N/A
Landscape Maintenance	Diquat dibromide	158.63	0	0.00	N/A
Landscape Maintenance	Disulfoton	0.02	0	0.00	N/A
Landscape Maintenance	Dithiopyr	411.36	0	0.00	N/A
Landscape Maintenance	Diuron	2.69	0	0.00	N/A
Landscape Maintenance	Emamectin benzoate	8.67	0	0.00	N/A
Landscape Maintenance	Ethephon	333.57	0	0.00	N/A
Landscape Maintenance	Ethofumesate	250.03	0	0.00	N/A
Landscape Maintenance	Fipronil	< 0.01	0	0.00	N/A
Landscape Maintenance	Florasulam	0.02	0	0.00	N/A
Landscape Maintenance	Fluazifop-p-butyl	2.12	0	0.00	N/A
Landscape Maintenance	Fluazinam	61.27	0	0.00	N/A
Landscape Maintenance	Fludioxonil	19.81	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape Maintenance	Flumioxazin	6.67	0	0.00	N/A
Landscape Maintenance	Fluopyram	1.12	0	0.00	N/A
Landscape Maintenance	Flupyradifurone	0.08	0	0.00	N/A
Landscape Maintenance	Fluroxypyr, 1-methylheptyl ester	0.02	0	0.00	N/A
Landscape Maintenance	Flurprimidol	0.72	0	0.00	N/A
Landscape Maintenance	Fluxapyroxad	14.21	0	0.00	N/A
Landscape Maintenance	Foramsulfuron	0.24	0	0.00	N/A
Landscape Maintenance	Fosetyl-al	17.06	0	0.00	N/A
Landscape Maintenance	Glufosinate-ammonium	209.88	0	0.00	N/A
Landscape Maintenance	Glyphosate, isopropylamine salt	1,718.54	0	0.00	N/A
Landscape Maintenance	Glyphosate, monoammonium salt	148.52	0	0.00	N/A
Landscape Maintenance	Glyphosate, potassium salt	554.00	0	0.00	N/A
Landscape Maintenance	Heptyl butyrate	0.06	0	0.00	N/A
Landscape Maintenance	Hydrogen peroxide	141.87	0	0.00	N/A
Landscape Maintenance	Imazamox, ammonium salt	0.05	0	0.00	N/A
Landscape Maintenance	Imidacloprid	486.31	0	0.00	N/A
Landscape Maintenance	Indaziflam	1.04	0	0.00	N/A
Landscape Maintenance	Indoxacarb	2.21	0	0.00	N/A
Landscape Maintenance	Iprodione	119.09	0	0.00	N/A
Landscape Maintenance	Iron phosphate	1.31	0	0.00	N/A
Landscape Maintenance	Isoxaben	28.48	0	0.00	N/A
Landscape Maintenance	Kaolin	690.08	0	0.00	N/A
Landscape Maintenance	Lambda-cyhalothrin	0.39	0	0.00	N/A
Landscape Maintenance	Limonene	42.78	0	0.00	N/A
Landscape Maintenance	Mancozeb	189.75	0	0.00	N/A
Landscape Maintenance	Margosa oil	2.83	0	0.00	N/A
Landscape Maintenance	Mcpa, dimethylamine salt	0.19	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape Maintenance	Mcpp-p, dma salt	0.24	0	0.00	N/A
Landscape Maintenance	Mecoprop-p	15.76	0	0.00	N/A
Landscape Maintenance	Mefenoxam	9.89	0	0.00	N/A
Landscape Maintenance	Mefentrifluconazole	48.71	0	0.00	N/A
Landscape Maintenance	Metconazole	14.45	0	0.00	N/A
Landscape Maintenance	Methylated soybean oil	2.75	0	0.00	N/A
Landscape Maintenance	Mineral oil	3,798.47	0	0.00	N/A
Landscape Maintenance	Msma	4.45	0	0.00	N/A
Landscape Maintenance	Myclobutanil	1.67	1	1.50	A
Landscape Maintenance	Myclobutanil	7.25	0	0.00	N/A
Landscape Maintenance	N-octyl bicycloheptene dicarboximide	0.98	0	0.00	N/A
Landscape Maintenance	Oleic acid, ethyl ester	26.86	0	0.00	N/A
Landscape Maintenance	Oryzalin	0.02	0	0.00	N/A
Landscape Maintenance	Oxyfluorfen	6.02	0	0.00	N/A
Landscape Maintenance	Oxytetracycline hydrochloride	< 0.01	0	0.00	N/A
Landscape Maintenance	Paclobutrazol	100.32	0	0.00	N/A
Landscape Maintenance	Pendimethalin	137.14	0	0.00	N/A
Landscape Maintenance	Penoxsulam	0.46	0	0.00	N/A
Landscape Maintenance	Penthiopyrad	45.90	0	0.00	N/A
Landscape Maintenance	Permethrin	50.21	0	0.00	N/A
Landscape Maintenance	Peroxyacetic acid	4.54	0	0.00	N/A
Landscape Maintenance	Petroleum distillates	116.36	0	0.00	N/A
Landscape Maintenance	Petroleum oil, sulfurized	0.92	0	0.00	N/A
Landscape Maintenance	Piperonyl butoxide	2.59	0	0.00	N/A
Landscape Maintenance	Piperonyl butoxide, other related	0.12	0	0.00	N/A
Landscape Maintenance	Polyalkeneoxide modified heptamethyltrisiloxane	3.72	0	0.00	N/A
Landscape Maintenance	Polyoxin d, zinc salt	6.49	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape Maintenance	Potassium laurate	0.38	0	0.00	N/A
Landscape Maintenance	Potassium phosphite	2,721.72	0	0.00	N/A
Landscape Maintenance	Prallethrin	0.04	0	0.00	N/A
Landscape Maintenance	Prodiamine	19,461.89	0	0.00	N/A
Landscape Maintenance	Prohexadione-calcium	6.29	0	0.00	N/A
Landscape Maintenance	Propamocarb	6.86	0	0.00	N/A
Landscape Maintenance	Propiconazole	168.33	0	0.00	N/A
Landscape Maintenance	Propylene glycol	17.89	0	0.00	N/A
Landscape Maintenance	Pydiflumetofen	0.35	0	0.00	N/A
Landscape Maintenance	Pyraclostrobin	24.58	0	0.00	N/A
Landscape Maintenance	Pyraflufen-ethyl	0.10	0	0.00	N/A
Landscape Maintenance	Pyrethrins	0.18	0	0.00	N/A
Landscape Maintenance	Pyriproxyfen	0.29	0	0.00	N/A
Landscape Maintenance	Quinclorac	0.02	0	0.00	N/A
Landscape Maintenance	Quinclorac, dimethylamine salt	75.33	0	0.00	N/A
Landscape Maintenance	Siduron	2.00	0	0.00	N/A
Landscape Maintenance	Sodium nitrate	6.13	0	0.00	N/A
Landscape Maintenance	Spinosad	0.15	0	0.00	N/A
Landscape Maintenance	Spiromesifen	< 0.01	0	0.00	N/A
Landscape Maintenance	Strychnine	< 0.01	0	0.00	N/A
Landscape Maintenance	Sulfentrazone	9.55	0	0.00	N/A
Landscape Maintenance	Sulfur	4.53	0	0.00	N/A
Landscape Maintenance	Tall oil fatty acids	15.95	0	0.00	N/A
Landscape Maintenance	Tau-fluvalinate	< 0.01	0	0.00	N/A
Landscape Maintenance	Tebuconazole	18.89	0	0.00	N/A
Landscape Maintenance	Tetraniliprole	1.60	0	0.00	N/A
Landscape Maintenance	Thiophanate-methyl	923.18	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape Maintenance	Topramezone	3.39	0	0.00	N/A
Landscape Maintenance	Triadimefon	16.70	0	0.00	N/A
Landscape Maintenance	Triclopyr choline	141.26	0	0.00	N/A
Landscape Maintenance	Triclopyr, butoxyethyl ester	167.67	0	0.00	N/A
Landscape Maintenance	Triclopyr, triethylamine salt	128.56	0	0.00	N/A
Landscape Maintenance	Trifloxystrobin	2.00	0	0.00	N/A
Landscape Maintenance	Trifluralin	8.87	0	0.00	N/A
Landscape Maintenance	Trinexapac-ethyl	53.29	0	0.00	N/A
Landscape Maintenance	Triticonazole	31.79	0	0.00	N/A
Landscape Maintenance	Zeta-cypermethrin	< 0.01	0	0.00	N/A
Landscape Maintenance	Zinc phosphide	0.09	0	0.00	N/A
Lettuce, Head	Azadirachtin	0.12	17	35,800.00	S
Lettuce, Head	Bacillus velezensis strain: qst 713	0.08	13	25,587.00	S
Lettuce, Head	Beauveria bassiana strain: ant-03	0.40	1	1.00	A
Lettuce, Head	Burkholderia rinojensis strain a396	4.22	18	36,587.00	S
Lettuce, Head	Pyrethrins	0.03	1	1.00	A
Lettuce, Head	Reynoutria sachalinensis (giant knotweed) plant extract	0.52	22	46,800.00	S
Lettuce, Head	Spinosad	0.06	1	1.00	A
Lettuce, Leaf	Bacillus thuringiensis subsp. kurstaki strain: abts-351	< 0.01	2	780.00	S
Lettuce, Leaf	Beauveria bassiana strain: gha	< 0.01	3	1,170.00	S
Lettuce, Leaf	Iron phosphate	0.02	2	0.20	A
Lettuce, Leaf	Iron phosphate	< 0.01	2	1,560.00	S
Lettuce, Leaf	Potassium laurate	0.11	3	1,870.00	S
Lettuce, Leaf	Spinosad	< 0.01	2	1,560.00	S
Lettuce, Leaf	Strepomyces lydicus strain: wyec 108	< 0.01	5	2,650.00	S
Mustard	Azadirachtin	< 0.01	3	400.00	S
Mustard	Bacillus velezensis strain: qst 713	< 0.01	3	400.00	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Mustard	Burkholderia rinojensis strain a396	0.06	4	600.00	S
Mustard	Reynoutria sachalinensis (giant knotweed) plant extract	< 0.01	4	600.00	S
N-Grnhs Flower	Abamectin	2.71	24	124.50	A
N-Grnhs Flower	Abamectin	0.03	2	150,000.00	S
N-Grnhs Flower	Acephate	265.30	30	142.50	A
N-Grnhs Flower	Acephate	2.25	1	75,000.00	S
N-Grnhs Flower	Acetamiprid	2.50	7	7.00	A
N-Grnhs Flower	Aggregated adjuvant data	827.51	140	521.00	A
N-Grnhs Flower	Aggregated adjuvant data	10.82	5	375,000.00	S
N-Grnhs Flower	Boscalid	6.55	7	11.50	A
N-Grnhs Flower	Boscalid	1.14	3	225,000.00	S
N-Grnhs Flower	Buprofezin	1.97	2	2.50	A
N-Grnhs Flower	Chlorfenapyr	4.27	5	14.00	A
N-Grnhs Flower	Cyantraniliprole	4.49	10	19.00	A
N-Grnhs Flower	Cyflumetofen	4.97	14	15.50	A
N-Grnhs Flower	Cyprodinil	21.80	29	79.00	A
N-Grnhs Flower	Difenoconazole	1.72	2	3.00	A
N-Grnhs Flower	Fenhexamid	14.75	6	17.00	A
N-Grnhs Flower	Fenpyroximate	0.05	1	1.00	A
N-Grnhs Flower	Fludioxonil	14.53	29	79.00	A
N-Grnhs Flower	Fosetyl-al	11.00	1	2.00	A
N-Grnhs Flower	Imidacloprid	0.22	2	150,000.00	S
N-Grnhs Flower	Iprodione	2.75	1	2.00	A
N-Grnhs Flower	Piperalin	50.89	30	55.00	A
N-Grnhs Flower	Pydiflumetofen	1.03	2	3.00	A
N-Grnhs Flower	Pymetrozine	3.12	10	9.50	A
N-Grnhs Flower	Pyraclostrobin	3.33	7	11.50	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-Grnhs Flower	Pyraclostrobin	1.52	3	225,000.00	S
N-Grnhs Flower	Pyridalyl	35.61	20	99.00	A
N-Grnhs Flower	Spinosad	0.06	1	0.50	A
N-Grnhs Flower	Tau-fluvalinate	3.38	7	525,000.00	S
N-Grnhs Flower	Tolfenpyrad	24.10	14	83.50	A
N-Grnhs Plants In Containers	Abamectin	< 0.01	1	4,500.00	S
N-Grnhs Plants In Containers	Azadirachtin	< 0.01	2	1,464.00	S
N-Grnhs Plants In Containers	Boscalid	0.36	3	11,125.00	U
N-Grnhs Plants In Containers	Imidacloprid	0.11	14	4,550.00	S
N-Grnhs Plants In Containers	Iron phosphate	0.06	12	7,800.00	S
N-Grnhs Plants In Containers	Margosa oil	0.31	2	1,464.00	S
N-Grnhs Plants In Containers	Mineral oil	0.37	1	856.00	S
N-Grnhs Plants In Containers	Pyraclostrobin	0.70	3	11,125.00	U
N-Grnhs Plants In Containers	Pyrethrins	< 0.01	1	1,070.00	S
N-Grnhs Plants In Containers	Spinosad	< 0.01	1	2,722.50	S
N-Grnhs Plants In Containers	Spinosad	0.03	2	10,890.00	U
N-Grnhs Plants In Containers	Tau-fluvalinate	0.01	12	1,300.00	S
N-Grnhs Plants In Containers	Tebuconazole	0.01	12	1,300.00	S
N-Grnhs Transplants	Aggregated adjuvant data	0.18	6	133,033.00	S
N-Grnhs Transplants	Azadirachtin	0.02	3	3.00	A
N-Grnhs Transplants	Azoxystrobin	2.12	5	131,260.00	S
N-Grnhs Transplants	Boscalid	0.60	3	102,276.00	S
N-Grnhs Transplants	Cuprous oxide	1.05	1	1.00	A
N-Grnhs Transplants	Cuprous oxide	10.36	4	230,362.00	S
N-Grnhs Transplants	Fenhexamid	0.50	1	1.00	A
N-Grnhs Transplants	Fenhexamid	0.42	3	39,400.00	S
N-Grnhs Transplants	Flupyradifurone	0.54	7	173,196.00	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-Grnhs Transplants	Glufosinate-ammonium	0.04	1	30,480.00	S
N-Grnhs Transplants	Hydrogen peroxide	0.36	2	2.00	A
N-Grnhs Transplants	Hydrogen peroxide	0.04	1	20.00	S
N-Grnhs Transplants	Hydrogen peroxide	3.64	33	59.00	U
N-Grnhs Transplants	Imidacloprid	0.04	1	1.00	A
N-Grnhs Transplants	Imidacloprid	0.06	2	62,260.00	S
N-Grnhs Transplants	Iron phosphate	0.03	1	0.50	A
N-Grnhs Transplants	Methoxyfenozide	0.58	5	134,188.00	S
N-Grnhs Transplants	Peroxyacetic acid	0.03	2	2.00	A
N-Grnhs Transplants	Peroxyacetic acid	< 0.01	1	20.00	S
N-Grnhs Transplants	Peroxyacetic acid	0.27	33	59.00	U
N-Grnhs Transplants	Poly(oxyethylene) (dimethylimino) ethylene (dimethylimino) ethylene dichloride	3.15	62	386.00	U
N-Grnhs Transplants	Potassium bicarbonate	2.50	4	4.00	A
N-Grnhs Transplants	Potassium phosphite	3.75	3	102,276.00	S
N-Grnhs Transplants	Pyraclostrobin	0.31	3	102,276.00	S
N-Grnhs Transplants	Pyrethrins	0.14	11	11.00	A
N-Grnhs Transplants	Pyrethrins	0.08	3	151,242.00	S
N-Grnhs Transplants	Spinosad	0.05	1	1.00	A
N-Grnhs Transplants	Spinosad	0.02	2	34,560.00	S
N-Grnhs Transplants	Spirotetramat	< 0.01	1	17,280.00	S
N-Grnhs Transplants	Sulfur	7.10	3	80,953.00	S
N-Grnhs Transplants	Trifloxystrobin	0.11	1	1.00	A
N-Outdr Flower	Acephate	10.67	5	6.00	A
N-Outdr Flower	Acetamiprid	1.06	4	4.00	A
N-Outdr Flower	Aggregated adjuvant data	9.79	10	23.50	A
N-Outdr Flower	Azadirachtin	0.03	16	7,500.00	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-Outdr Flower	Bacillus velezensis strain: qst 713	0.02	12	6,000.00	S
N-Outdr Flower	Bifenthrin	0.40	1	3.50	A
N-Outdr Flower	Buprofezin	0.53	1	1.00	A
N-Outdr Flower	Burkholderia rinojensis strain a396	0.96	16	9,000.00	S
N-Outdr Flower	Cyprodinil	0.05	1	0.15	A
N-Outdr Flower	Fluazifop-p-butyl	< 0.01	1	20.00	U
N-Outdr Flower	Glufosinate-ammonium	3.85	2	8.25	A
N-Outdr Flower	Glyphosate, potassium salt	23.45	2	9.50	A
N-Outdr Flower	Imidacloprid	1.25	7	10.35	A
N-Outdr Flower	Malathion	0.15	3	0.45	A
N-Outdr Flower	Mineral oil	35.27	1	2.00	A
N-Outdr Flower	Oxyfluorfen	9.77	3	13.75	A
N-Outdr Flower	Pyrethrins	< 0.01	1	0.10	A
N-Outdr Flower	Reynoutria sachalinensis (giant knotweed) plant extract	0.12	20	10,500.00	S
N-Outdr Flower	Spirotetramat	0.03	2	0.30	A
N-Outdr Flower	Thiophanate-methyl	6.32	2	9.00	A
N-Outdr Flower	Trichoderma harzianum rifai strain krl-ag2	< 0.01	2	3,200.00	S
N-Outdr Plants In Containers	Abamectin	0.36	9	38.00	A
N-Outdr Plants In Containers	Abamectin	< 0.01	1	4,500.00	S
N-Outdr Plants In Containers	Acetamiprid	0.10	4	2.25	A
N-Outdr Plants In Containers	Aggregated adjuvant data	26.96	53	66.50	A
N-Outdr Plants In Containers	Alkyl (68%c12, 32%c14) dimethylethylbenzyl ammonium chloride	1.43	5	83,600.00	U
N-Outdr Plants In Containers	Alkyl* dimethyl benzyl ammonium chloride *(60%c14, 30%c16, 5%c18, 5%c12)	1.43	5	83,600.00	U
N-Outdr Plants In Containers	Azadirachtin	0.50	46	230.00	A
N-Outdr Plants In Containers	Azoxystrobin	0.38	2	3.00	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-Outdr Plants In Containers	Bacillus thuringiensis (berliner), subsp. kurstaki, serotype 3a,3b	0.01	5	2,408.00	S
N-Outdr Plants In Containers	Bacillus thuringiensis subsp. kurstaki strain: abts-351	15.46	31	155.00	A
N-Outdr Plants In Containers	Beauveria bassiana strain: gha	0.06	2	10.00	A
N-Outdr Plants In Containers	Beauveria bassiana strain: ppri 5339	0.58	28	140.00	A
N-Outdr Plants In Containers	Bifenthrin	2.33	7	23.00	A
N-Outdr Plants In Containers	Boscalid	0.07	4	20.00	A
N-Outdr Plants In Containers	Boscalid	6.60	64	206,375.00	U
N-Outdr Plants In Containers	Chlorothalonil	0.52	1	0.50	A
N-Outdr Plants In Containers	Copper diammonium diacetate complex	1.97	2	3.00	A
N-Outdr Plants In Containers	Copper hydroxide	0.98	2	3.00	A
N-Outdr Plants In Containers	Copper octanoate	0.13	3	13.50	A
N-Outdr Plants In Containers	Copper oxychloride	1.07	2	3.00	A
N-Outdr Plants In Containers	Copper sulfate (pentahydrate)	1.33	1	224,400.00	S
N-Outdr Plants In Containers	Cuprous oxide	7.05	1	1.00	A
N-Outdr Plants In Containers	Cyantraniliprole	3.38	4	29.00	A
N-Outdr Plants In Containers	Cyantraniliprole	1.76	10	514,053.00	U
N-Outdr Plants In Containers	Cyazofamid	< 0.01	1	1,616.00	S
N-Outdr Plants In Containers	Cyazofamid	0.05	3	13,332.00	U
N-Outdr Plants In Containers	Cyfluthrin	1.52	29	137.00	A
N-Outdr Plants In Containers	Dinotefuran	1.69	19	22.75	A
N-Outdr Plants In Containers	Fenpropathrin	0.39	2	2.50	A
N-Outdr Plants In Containers	Ferric sodium edta	3.60	2	9.00	A
N-Outdr Plants In Containers	Flupyradifurone	3.47	6	19.00	A
N-Outdr Plants In Containers	Flupyradifurone	0.38	9	51,389.00	S
N-Outdr Plants In Containers	Fluxapyroxad	0.88	4	321,000.00	U
N-Outdr Plants In Containers	Fosetyl-al	9.25	6	67,710.00	S
N-Outdr Plants In Containers	Gliocladium virens strain: g-41	0.05	4	28.00	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-Outdr Plants In Containers	Glufosinate-ammonium	0.68	1	3.00	A
N-Outdr Plants In Containers	Glyphosate, isopropylamine salt	127.86	29	22.89	A
N-Outdr Plants In Containers	Glyphosate, potassium salt	18.87	19	58.00	A
N-Outdr Plants In Containers	Glyphosate, potassium salt	29.78	24	460,206.00	S
N-Outdr Plants In Containers	Glyphosate, potassium salt	1.03	1	15,948.00	U
N-Outdr Plants In Containers	Hexythiazox	0.08	3	2.50	A
N-Outdr Plants In Containers	Imidacloprid	4.43	17	31.00	A
N-Outdr Plants In Containers	Imidacloprid	0.93	47	52,375.00	S
N-Outdr Plants In Containers	Imidacloprid	< 0.01	1	402.50	U
N-Outdr Plants In Containers	Indaziflam	1.17	2	26.00	A
N-Outdr Plants In Containers	Iron phosphate	0.05	1	1.00	A
N-Outdr Plants In Containers	Isoxaben	2.50	1	2.50	A
N-Outdr Plants In Containers	Lecithin	16.02	48	60.00	A
N-Outdr Plants In Containers	Mefenoxam	1.69	5	29.00	A
N-Outdr Plants In Containers	Mefenoxam	1.60	35	80,602.50	U
N-Outdr Plants In Containers	Metaldehyde	0.12	16	12,250.00	S
N-Outdr Plants In Containers	Mineral oil	106.55	8	29.50	A
N-Outdr Plants In Containers	Mineral oil	17.13	11	39,376.00	S
N-Outdr Plants In Containers	Myclobutanil	2.51	15	31.25	A
N-Outdr Plants In Containers	Myclobutanil	0.35	7	1,934.50	S
N-Outdr Plants In Containers	Oxathiapiprolin	0.25	1	6.50	A
N-Outdr Plants In Containers	Permethrin	1.47	4	7.50	A
N-Outdr Plants In Containers	Potassium phosphite	10.33	3	5.00	A
N-Outdr Plants In Containers	Propiconazole	0.13	3	1.50	A
N-Outdr Plants In Containers	Propiconazole	0.18	4	48,125.00	S
N-Outdr Plants In Containers	Propiconazole	0.13	1	35,750.00	U
N-Outdr Plants In Containers	Pymetrozine	3.25	29	145.00	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-Outdr Plants In Containers	Pyraclostrobin	0.13	4	20.00	A
N-Outdr Plants In Containers	Pyraclostrobin	0.65	1	4,029.00	S
N-Outdr Plants In Containers	Pyraclostrobin	14.36	72	624,826.00	U
N-Outdr Plants In Containers	Pyrethrins	0.19	17	85.00	A
N-Outdr Plants In Containers	Pyrethrins	0.02	2	3,477.50	S
N-Outdr Plants In Containers	Pyrethrins	0.01	1	2,407.50	U
N-Outdr Plants In Containers	Pyrifluquinazon	0.49	29	145.00	A
N-Outdr Plants In Containers	Spinosad	1.94	50	236.50	A
N-Outdr Plants In Containers	Spiromesifen	0.06	1	1.00	A
N-Outdr Plants In Containers	Spirotetramat	1.11	11	25.50	A
N-Outdr Plants In Containers	Spirotetramat	0.67	7	21,375.00	U
N-Outdr Plants In Containers	Thiamethoxam	0.25	1	2.00	A
N-Outdr Plants In Containers	Thiophanate-methyl	0.38	2	4.50	A
N-Outdr Plants In Containers	Thiophanate-methyl	0.43	4	3,337.50	U
N-Outdr Plants In Containers	Trichoderma harzianum rifai strain krl-ag2	0.09	4	28.00	A
N-Outdr Plants In Containers	Trifluralin	10.00	1	2.50	A
N-Outdr Transplants	Aggregated adjuvant data	0.24	3	167,960.00	S
N-Outdr Transplants	Boscalid	0.25	1	64,400.00	S
N-Outdr Transplants	Cuprous oxide	2.08	3	107,985.00	S
N-Outdr Transplants	Flupyradifurone	0.23	1	60,000.00	S
N-Outdr Transplants	Imidacloprid	0.08	3	107,985.00	S
N-Outdr Transplants	Methoxyfenozide	0.19	1	43,560.00	S
N-Outdr Transplants	Pyraclostrobin	0.13	1	64,400.00	S
N-Outdr Transplants	Spirotetramat	0.22	2	107,960.00	S
N-Outdr Transplants	Sulfur	2.40	1	15,552.00	S
Nectarine	Cuprous oxide	0.32	2	0.45	A
Nectarine	Mineral oil	0.87	1	0.25	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Oat	2,4-d, dimethylamine salt	174.97	3	206.46	A
Oat	Aggregated adjuvant data	113.80	10	1,132.92	A
Oat	Bromoxynil heptanoate	354.44	4	1,030.00	A
Oat	Bromoxynil octanoate	367.56	4	1,030.00	A
Oat	Glyphosate, isopropylamine salt	317.85	3	425.00	A
Oat	Glyphosate, potassium salt	45.74	1	41.46	A
Oat (Forage - Fodder)	Bromoxynil heptanoate	3.10	1	9.00	A
Oat (Forage - Fodder)	Bromoxynil octanoate	3.21	1	9.00	A
Olive	Aggregated adjuvant data	6.05	14	21.96	A
Olive	Aggregated adjuvant data	1.02	2	461.00	U
Olive	Alpha-pinene-beta-pinene copolymer	2.24	7	11.48	A
Olive	Copper hydroxide	8.03	3	8.00	A
Olive	Copper oxychloride	8.82	3	8.00	A
Olive	Cuprous oxide	0.02	1	0.50	A
Olive	Glufosinate-ammonium	1.62	1	5.00	A
Olive	Glyphosate, isopropylamine salt	1.40	1	4,000.00	S
Olive	Glyphosate, potassium salt	3.48	2	461.00	U
Olive	Kaolin	1,243.31	28	68.00	A
Olive	Kaolin	214.94	8	810.00	U
Olive	Mineral oil	0.63	7	11.48	A
Olive	Pyrethrins	0.11	3	4.50	A
Olive	Spinosad	0.16	196	378.24	A
Olive	Spinosad	0.03	52	5,267.00	U
Olive	Sulfur	6.57	3	3.00	A
Parsley	Azadirachtin	< 0.01	16	2,800.00	S
Parsley	Bacillus velezensis strain: qst 713	< 0.01	13	2,700.00	S
Parsley	Burkholderia rinojensis strain a396	0.45	14	4,000.01	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Parsley	Reynoutria sachalinensis (giant knotweed) plant extract	0.05	18	4,300.01	S
Pastureland	2,4-d, dimethylamine salt	21.16	1	50.00	A
Pastureland	Aggregated adjuvant data	55.62	11	389.00	A
Pastureland	Aminopyralid, triisopropanolamine salt	29.34	2	162.00	A
Pastureland	Bromoxynil heptanoate	10.58	2	41.00	A
Pastureland	Bromoxynil octanoate	10.97	2	41.00	A
Pastureland	Clopyralid, monoethanolamine salt	5.63	1	20.00	A
Pastureland	Triclopyr choline	0.84	3	19.98	A
Pastureland	Triclopyr, butoxyethyl ester	8.70	8	25.02	A
Peach	Aggregated adjuvant data	2.54	7	14.25	A
Peach	Bacillus velezensis strain: qst 713	1.97	4	4.00	A
Peach	Copper hydroxide	6.45	4	4.00	A
Peach	Copper octanoate	0.42	1	0.25	A
Peach	Copper oxychloride	7.15	4	4.00	A
Peach	Cuprous oxide	95.87	9	15.02	A
Peach	Lime-sulfur	2.50	3	0.22	A
Peach	Mineral oil	4.45	3	0.70	A
Peach	Petroleum oil, sulfurized	2.28	2	0.02	A
Peach	Sulfur	80.00	2	10.00	A
Peach	Ulocladium oudemansii (u3 strain)	13.50	2	10.00	A
Peach	Ziram	3.80	1	2.00	A
Pear	(e,e)-8,10-dodecadien-1-ol	0.18	2	0.54	A
Pear	Aggregated adjuvant data	0.53	3	2.10	A
Pear	Bacillus velezensis strain: qst 713	0.23	6	3.12	A
Pear	Copper hydroxide	0.02	1	0.10	A
Pear	Copper oxychloride	0.02	1	0.10	A
Pear	Cuprous oxide	0.84	1	0.50	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pear	Kaolin	1.90	1	0.04	A
Pear	Lime-sulfur	1.15	1	0.15	A
Pear	Lime-sulfur	0.47	2	8.00	U
Pear	Mineral oil	27.27	4	2.65	A
Pear	Mineral oil	0.41	2	8.00	U
Pear	Petroleum oil, sulfurized	3.64	1	0.50	A
Pear	Phosmet	0.70	1	1.00	A
Pear	Spinetoram	0.09	1	1.00	A
Pear	Streptomycin sulfate	0.22	2	2.00	A
Pear	Sulfur	0.07	1	0.10	A
Pear, Asian (Oriental Pear, Ya, Ya Li, Nashi)	(e,e)-8,10-dodecadien-1-ol	< 0.01	1	0.03	A
Peas	Iron phosphate	0.01	1	0.10	A
Pepper, Fruiting	Bacillus thuringiensis subsp. kurstaki strain: abts-351	< 0.01	1	670.00	S
Pepper, Fruiting	Beauveria bassiana strain: gha	< 0.01	2	1,340.00	S
Pepper, Fruiting	Potassium laurate	0.15	1	0.10	A
Pepper, Fruiting	Potassium laurate	0.07	2	2,135.00	S
Pepper, Fruiting	Strepomyces lydicus strain: wyec 108	< 0.01	5	4,270.00	S
Plum	Cuprous oxide	0.56	1	0.25	A
Pome Fruit	Copper hydroxide	0.80	4	3.15	A
Pome Fruit	Copper oxychloride	0.88	4	3.15	A
Pome Fruit	Lime-sulfur	0.37	1	11,000.00	S
Pome Fruit	Mineral oil	4.72	2	2.00	A
Pome Fruit	Mineral oil	0.22	1	11,000.00	S
Prune	Cuprous oxide	0.29	2	0.02	A
Public Health	Bacillus sphaericus 2362 serotype h5a5b strain: abts 1743	790.56	0	0.00	N/A
Public Health	Bacillus thuringiensis subsp. israelensis strain: am 65-52	1,023.23	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Public Health	Bacillus thuringiensis subspecies israelensis strain bmp 144	0.54	0	0.00	N/A
Public Health	D-trans allethrin	0.02	0	0.00	N/A
Public Health	Etofenprox	21.19	0	0.00	N/A
Public Health	Mineral oil	928.01	0	0.00	N/A
Public Health	Phenothrin	0.02	0	0.00	N/A
Public Health	Piperonyl butoxide	120.98	0	0.00	N/A
Public Health	Piperonyl butoxide, other related	28.52	0	0.00	N/A
Public Health	Poe isooctadecanol	19.41	0	0.00	N/A
Public Health	Pyrethrins	30.10	0	0.00	N/A
Public Health	S-methoprene	123.77	0	0.00	N/A
Public Health	Silica gel	27.52	0	0.00	N/A
Public Health	Spinosad	5.97	0	0.00	N/A
Public Health	Sulfur dioxide	4.95	0	0.00	N/A
Radish	Bacillus velezensis strain: qst 713	< 0.01	1	100.00	S
Radish	Burkholderia rinojensis strain a396	0.02	2	200.00	S
Radish	Iron phosphate	< 0.01	1	1,250.00	S
Radish	Reynoutria sachalinensis (giant knotweed) plant extract	< 0.01	1	100.00	S
Radish	Spinosad	< 0.01	1	1,250.00	S
Rangeland	Aggregated adjuvant data	7.82	7	1,080.00	A
Rangeland	Capric acid	7.20	1	200.00	A
Rangeland	Caprylic acid	10.57	1	200.00	A
Rangeland	Glyphosate, potassium salt	51.76	10	907.00	A
Rangeland	Triclopyr, butoxyethyl ester	6.66	6	100.00	A
Research Commodity	Sulfur dioxide	2.38	0	0.00	N/A
Rights Of Way	2,4-d, 2-ethylhexyl ester	36.35	0	0.00	N/A
Rights Of Way	Aggregated adjuvant data	337.10	0	0.00	N/A
Rights Of Way	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	325.97	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights Of Way	Alpha-undecyl-omega-hydroxypoly(oxyethylene)	468.28	0	0.00	N/A
Rights Of Way	Aminocyclopyrachlor, potassium salt	16.41	0	0.00	N/A
Rights Of Way	Aminopyralid, triisopropanolamine salt	72.15	0	0.00	N/A
Rights Of Way	Ammonium nonanoate	18.37	0	0.00	N/A
Rights Of Way	Brodifacoum	< 0.01	0	0.00	N/A
Rights Of Way	Bromadiolone	< 0.01	0	0.00	N/A
Rights Of Way	Capric acid	122.36	0	0.00	N/A
Rights Of Way	Caprylic acid	179.72	0	0.00	N/A
Rights Of Way	Carfentrazone-ethyl	0.80	0	0.00	N/A
Rights Of Way	Chlorsulfuron	3.91	0	0.00	N/A
Rights Of Way	Cholecalciferol	< 0.01	0	0.00	N/A
Rights Of Way	Copper ethanolamine complexes, mixed	0.37	0	0.00	N/A
Rights Of Way	Copper hydroxide	33.83	0	0.00	N/A
Rights Of Way	Dicamba, dimethylamine salt	2.68	0	0.00	N/A
Rights Of Way	Difethialone	< 0.01	0	0.00	N/A
Rights Of Way	Dimethylpolysiloxane	0.51	0	0.00	N/A
Rights Of Way	Diquat dibromide	9.05	0	0.00	N/A
Rights Of Way	Disodium octaborate anhydrous	68.17	0	0.00	N/A
Rights Of Way	Disodium octaborate tetrahydrate	0.32	0	0.00	N/A
Rights Of Way	Dithiopyr	140.55	0	0.00	N/A
Rights Of Way	Flumioxazin	176.01	0	0.00	N/A
Rights Of Way	Glufosinate-ammonium	131.16	0	0.00	N/A
Rights Of Way	Glyphosate, dimethylamine salt	625.82	0	0.00	N/A
Rights Of Way	Glyphosate, isopropylamine salt	4,060.58	0	0.00	N/A
Rights Of Way	Glyphosate, potassium salt	1,725.35	0	0.00	N/A
Rights Of Way	Imazamox, ammonium salt	0.02	0	0.00	N/A
Rights Of Way	Imazapyr, isopropylamine salt	37.26	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights Of Way	Indaziflam	41.02	0	0.00	N/A
Rights Of Way	Isoxaben	411.95	0	0.00	N/A
Rights Of Way	Lecithin	895.91	0	0.00	N/A
Rights Of Way	Mcpp-p, dma salt	9.62	0	0.00	N/A
Rights Of Way	Metam-sodium	1,410.40	0	0.00	N/A
Rights Of Way	Methylated soybean oil	731.88	0	0.00	N/A
Rights Of Way	Oleic acid, ethyl ester	215.67	0	0.00	N/A
Rights Of Way	Polyoxyethylene sorbitan monooleate	11.18	0	0.00	N/A
Rights Of Way	Rimsulfuron	7.71	0	0.00	N/A
Rights Of Way	Sodium tetraborate decahydrate	474.66	0	0.00	N/A
Rights Of Way	Sulfentrazone	0.07	0	0.00	N/A
Rights Of Way	Sulfometuron-methyl	1.24	0	0.00	N/A
Rights Of Way	Triclopyr choline	1,775.39	0	0.00	N/A
Rights Of Way	Triclopyr, butoxyethyl ester	49.76	0	0.00	N/A
Rights Of Way	Triclopyr, triethylamine salt	31.92	0	0.00	N/A
Rights Of Way	Zinc phosphide	2.43	0	0.00	N/A
Small Fruits/Berry	Cuprous oxide	0.28	1	0.01	A
Soil Fumigation/Preplant	Fipronil	1.01	0	71,128.00	S
Spinach	Iron phosphate	0.01	1	0.10	A
Stone Fruit	Aggregated adjuvant data	0.01	1	0.25	A
Stone Fruit	Copper hydroxide	0.11	3	0.60	A
Stone Fruit	Copper oxychloride	0.12	3	0.60	A
Stone Fruit	Kaolin	5.70	3	0.27	A
Stone Fruit	Lime-sulfur	0.37	1	11,000.00	S
Stone Fruit	Lime-sulfur	1.61	2	28.00	U
Stone Fruit	Mineral oil	0.38	1	0.25	A
Stone Fruit	Mineral oil	1.41	2	28.00	U

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Stone Fruit	Sulfur	0.07	1	0.25	A
Structural Pest Control	2-methyl-1-butanol	0.06	0	0.00	N/A
Structural Pest Control	4-aminopyridine	0.01	0	0.00	N/A
Structural Pest Control	Abamectin	0.02	0	0.00	N/A
Structural Pest Control	Abamectin, other related	< 0.01	0	0.00	N/A
Structural Pest Control	Acephate	3.96	0	0.00	N/A
Structural Pest Control	Acetamiprid	0.05	0	0.00	N/A
Structural Pest Control	Acetic acid	0.13	0	0.00	N/A
Structural Pest Control	Aggregated adjuvant data	10.22	0	0.00	N/A
Structural Pest Control	Alkyl (68%c12, 32%c14) dimethylethylbenzyl ammonium chloride	0.05	0	0.00	N/A
Structural Pest Control	Alkyl* dimethyl benzyl ammonium chloride *(50%c14, 40%c12, 10%c16)	0.92	0	0.00	N/A
Structural Pest Control	Alkyl* dimethyl benzyl ammonium chloride *(60%c14, 30%c16, 5%c18, 5%c12)	0.05	0	0.00	N/A
Structural Pest Control	Alpha-cypermethrin	53.65	0	0.00	N/A
Structural Pest Control	Aminopyralid, triisopropanolamine salt	0.04	0	0.00	N/A
Structural Pest Control	Amitraz	< 0.01	0	0.00	N/A
Structural Pest Control	Bacillus thuringiensis subsp. kurstaki strain: abts-351	0.54	0	0.00	N/A
Structural Pest Control	Beauveria bassiana strain: gha	0.69	0	0.00	N/A
Structural Pest Control	Beta-cyfluthrin	109.55	0	0.00	N/A
Structural Pest Control	Bifenthrin	3,936.71	0	0.00	N/A
Structural Pest Control	Boric acid	1,196.69	0	0.00	N/A
Structural Pest Control	Brodifacoum	< 0.01	0	0.00	N/A
Structural Pest Control	Bromadiolone	0.05	0	0.00	N/A
Structural Pest Control	Bromethalin	0.98	0	0.00	N/A
Structural Pest Control	Capric acid	33.59	0	0.00	N/A
Structural Pest Control	Caprylic acid	49.34	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural Pest Control	Carbon dioxide	945.01	0	0.00	N/A
Structural Pest Control	Chlorantraniliprole	16.29	0	0.00	N/A
Structural Pest Control	Chlorfenapyr	595.58	0	0.00	N/A
Structural Pest Control	Chlorine dioxide	0.09	0	0.00	N/A
Structural Pest Control	Chlorophacinone	0.20	0	0.00	N/A
Structural Pest Control	Chloropicrin	9.25	0	0.00	N/A
Structural Pest Control	Cholecalciferol	6.19	0	0.00	N/A
Structural Pest Control	Clothianidin	2.37	0	0.00	N/A
Structural Pest Control	Copper hydroxide	3.42	0	0.00	N/A
Structural Pest Control	Copper naphthenate	0.20	0	0.00	N/A
Structural Pest Control	Copper oxychloride	2.39	0	0.00	N/A
Structural Pest Control	Cyfluthrin	3.00	0	0.00	N/A
Structural Pest Control	Cypermethrin	2.93	0	0.00	N/A
Structural Pest Control	D-allethrin	< 0.01	0	0.00	N/A
Structural Pest Control	D-trans allethrin	< 0.01	0	0.00	N/A
Structural Pest Control	Deltamethrin	1,173.04	0	0.00	N/A
Structural Pest Control	Diatomaceous earth	4.23	0	0.00	N/A
Structural Pest Control	Didecyl dimethyl ammonium chloride	0.05	0	0.00	N/A
Structural Pest Control	Difethialone	< 0.01	0	0.00	N/A
Structural Pest Control	Dinotefuran	1,556.14	0	0.00	N/A
Structural Pest Control	Dioctyl dimethyl ammonium chloride	0.04	0	0.00	N/A
Structural Pest Control	Diphacinone	< 0.01	0	0.00	N/A
Structural Pest Control	Diphacinone, sodium salt	0.01	0	0.00	N/A
Structural Pest Control	Diquat dibromide	1.76	0	0.00	N/A
Structural Pest Control	Disodium octaborate tetrahydrate	2,941.03	0	0.00	N/A
Structural Pest Control	Dithiopyr	2.00	0	0.00	N/A
Structural Pest Control	Emamectin benzoate	0.11	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural Pest Control	Esfenvalerate	360.11	0	0.00	N/A
Structural Pest Control	Etofenprox	0.51	0	0.00	N/A
Structural Pest Control	Fipronil	557.82	0	0.00	N/A
Structural Pest Control	Gamma-cyhalothrin	0.59	0	0.00	N/A
Structural Pest Control	Glyphosate, isopropylamine salt	35.12	0	0.00	N/A
Structural Pest Control	Glyphosate, monoammonium salt	44.49	0	0.00	N/A
Structural Pest Control	Glyphosate, potassium salt	1.03	0	0.00	N/A
Structural Pest Control	Heptyl butyrate	0.14	0	0.00	N/A
Structural Pest Control	Hexaflumuron	0.02	0	0.00	N/A
Structural Pest Control	Hydramethylnon	0.57	0	0.00	N/A
Structural Pest Control	Hydroprene	15.92	0	0.00	N/A
Structural Pest Control	Imidacloprid	280.55	0	0.00	N/A
Structural Pest Control	Indole	0.03	0	0.00	N/A
Structural Pest Control	Indoxacarb	1.22	0	0.00	N/A
Structural Pest Control	Iodine	2.70	0	0.00	N/A
Structural Pest Control	Iron phosphate	0.03	0	0.00	N/A
Structural Pest Control	Isopropyl alcohol	2.77	0	0.00	N/A
Structural Pest Control	Isoxaben	2.11	0	0.00	N/A
Structural Pest Control	Lambda-cyhalothrin	277.59	0	0.00	N/A
Structural Pest Control	Limonene	112.06	0	0.00	N/A
Structural Pest Control	Mefenoxam	0.03	0	0.00	N/A
Structural Pest Control	Methoprene	0.51	0	0.00	N/A
Structural Pest Control	Methyl anthranilate	< 0.01	0	0.00	N/A
Structural Pest Control	Metofluthrin	< 0.01	0	0.00	N/A
Structural Pest Control	Mineral oil	2.86	0	0.00	N/A
Structural Pest Control	Muscalure	0.17	0	0.00	N/A
Structural Pest Control	N-octyl bicycloheptene dicarboximide	3.70	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural Pest Control	Novaluron	3.00	0	0.00	N/A
Structural Pest Control	Noviflumuron	0.35	0	0.00	N/A
Structural Pest Control	Octyl decyl dimethyl ammonium chloride	0.09	0	0.00	N/A
Structural Pest Control	Pcp, other related	0.01	0	0.00	N/A
Structural Pest Control	Pentachlorophenol	0.13	0	0.00	N/A
Structural Pest Control	Permethrin	1,064.05	0	0.00	N/A
Structural Pest Control	Petroleum distillates, aromatic	0.10	0	0.00	N/A
Structural Pest Control	Phenothrin	0.17	0	0.00	N/A
Structural Pest Control	Phenylethyl propionate	0.09	0	0.00	N/A
Structural Pest Control	Piperonyl butoxide	616.52	0	0.00	N/A
Structural Pest Control	Piperonyl butoxide, other related	1.77	0	0.00	N/A
Structural Pest Control	Potassium phosphite	59.28	0	0.00	N/A
Structural Pest Control	Prallethrin	98.15	0	0.00	N/A
Structural Pest Control	Propiconazole	0.25	0	0.00	N/A
Structural Pest Control	Propoxur	0.14	0	0.00	N/A
Structural Pest Control	Putrescent whole egg solids	2.79	0	0.00	N/A
Structural Pest Control	Pyrethrins	7.34	0	0.00	N/A
Structural Pest Control	Pyriproxyfen	47.31	0	0.00	N/A
Structural Pest Control	S-methoprene	0.07	0	0.00	N/A
Structural Pest Control	Silica gel	20.62	0	0.00	N/A
Structural Pest Control	Sodium tetraborate decahydrate	17.67	0	0.00	N/A
Structural Pest Control	Sulfuryl fluoride	32,129.61	0	0.00	N/A
Structural Pest Control	Tetramethrin	0.07	0	0.00	N/A
Structural Pest Control	Thiamethoxam	0.30	0	0.00	N/A
Structural Pest Control	Thyme oil	< 0.01	0	0.00	N/A
Structural Pest Control	Thymol	0.21	0	0.00	N/A
Structural Pest Control	Triclopyr, triethylamine salt	0.26	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural Pest Control	Trifluralin	0.20	0	0.00	N/A
Structural Pest Control	Trimethylamine	0.08	0	0.00	N/A
Structural Pest Control	Warfarin	< 0.01	0	0.00	N/A
Structural Pest Control	Zeta-cypermethrin	0.02	0	0.00	N/A
Structural Pest Control	Zinc phosphide	1.18	0	0.00	N/A
Swiss Chard	Bacillus thuringiensis subsp. kurstaki strain: abts-351	0.02	3	2,250.00	S
Swiss Chard	Beauveria bassiana strain: gha	0.01	5	3,750.00	S
Swiss Chard	Iron phosphate	< 0.01	2	1,500.00	S
Swiss Chard	Potassium laurate	0.07	2	1,500.00	S
Swiss Chard	Spinosad	< 0.01	2	1,500.00	S
Swiss Chard	Strepomyces lydicus strain: wyec 108	< 0.01	6	4,500.00	S
Tomato	Azadirachtin	0.02	2	5,400.00	S
Tomato	Beauveria bassiana strain: gha	0.03	4	8,120.00	S
Tomato	Potassium laurate	0.47	2	2,420.00	S
Tomato	Reynoutria sachalinensis (giant knotweed) plant extract	0.06	2	5,400.00	S
Tomato	Strepomyces lydicus strain: wyec 108	< 0.01	12	26,518.00	S
Turnip	Iron phosphate	0.01	1	0.10	A
Uncultivated Ag	1,3-dichloropropene	1,583.11	1	4.80	A
Uncultivated Ag	2,4-d, dimethylamine salt	851.84	3	956.00	A
Uncultivated Ag	Aggregated adjuvant data	279.72	4	1,703.50	A
Uncultivated Ag	Dimethylpolysiloxane	0.05	2	882.50	A
Uncultivated Ag	Flumioxazin	22.75	0	61.50	A
Uncultivated Ag	Glyphosate, potassium salt	1,034.64	4	885.50	A
Uncultivated Ag	Sulfur	171.50	1	17.31	A
Uncultivated Non-Ag	Aggregated adjuvant data	22.15	2	43.79	A
Uncultivated Non-Ag	Alpha-undecyl-omega-hydroxypoly(oxyethylene)	10.65	0	39.79	A
Uncultivated Non-Ag	Aminocyclopyrachlor, potassium salt	4.88	0	38.10	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Uncultivated Non-Ag	Chlorsulfuron	1.44	0	38.10	A
Uncultivated Non-Ag	Flumioxazin	0.26	3	4.00	A
Uncultivated Non-Ag	Glyphosate, isopropylamine salt	13.29	0	39.79	A
Uncultivated Non-Ag	Glyphosate, potassium salt	13.79	3	4.00	A
Uncultivated Non-Ag	Indaziflam	2.18	0	38.10	A
Uncultivated Non-Ag	Methylated soybean oil	10.97	1	40.10	A
Uncultivated Non-Ag	Rimsulfuron	0.77	0	72.70	A
Uncultivated Non-Ag	Sulfometuron-methyl	0.19	0	34.60	A
Uncultivated Non-Ag	Triclopyr choline	6.14	0	36.29	A
Vegetables, Leafy	Pyrethrins	< 0.01	1	0.30	A
Vertebrate Control	Chlorophacinone	< 0.01	0	0.00	N/A
Vertebrate Control	Cholecalciferol	< 0.01	0	0.00	N/A
Vertebrate Control	Methyl anthranilate	1.77	0	0.00	N/A
Walnut	Glyphosate, potassium salt	2.59	1	0.12	A
Walnut	Malathion	24.53	2	20.00	A
Water (Industrial)	1,3-dichloro-5,5-dimethylhydantoin	14.45	0	2.00	U
Water (Industrial)	1,3-dichloro-5-ethyl-5-methylhydantoin	7.95	0	2.00	U
Water (Industrial)	1-bromo-3-chloro-5,5-dimethyl hydantoin	27.10	0	2.00	U
Water (Industrial)	2,2-dibromo-3-nitrilopropionamide	114.73	0	11.00	U
Water (Industrial)	2-methyl-4-isothiazolin-3-one	13.13	0	119.00	U
Water (Industrial)	5-chloro-2-methyl-4-isothiazolin-3-one	37.37	0	119.00	U
Water (Industrial)	Aggregated adjuvant data	34.83	0	101.00	A
Water (Industrial)	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	0.76	0	13.60	A
Water (Industrial)	Alpha-undecyl-omega-hydroxypoly(oxyethylene)	7.25	0	85.25	A
Water (Industrial)	Chlorine dioxide	0.75	0	2.00	U
Water (Industrial)	Copper ethanolamine complexes, mixed	91.32	0	61.25	A
Water (Industrial)	Copper ethylenediamine complex	180.04	0	55.15	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Water (Industrial)	Copper sulfate (pentahydrate)	2.03	0	2.40	A
Water (Industrial)	Copper triethanolamine complex	788.30	0	61.70	A
Water (Industrial)	Diquat dibromide	369.18	0	80.10	A
Water (Industrial)	Endothall, dipotassium salt	144.89	0	38.30	A
Water (Industrial)	Flumioxazin	2.05	0	8.75	A
Water (Industrial)	Fluridone	1.55	0	4.00	A
Water (Industrial)	Glutaraldehyde	425.23	0	111.00	U
Water (Industrial)	Glyphosate, isopropylamine salt	68.58	0	46.90	A
Water (Industrial)	Hydrogen peroxide	238.49	0	23.80	A
Water (Industrial)	Isopropyl alcohol	0.36	0	2.00	A
Water (Industrial)	Lecithin	2.83	0	13.60	A
Water (Industrial)	Ortho-phenylphenol	< 0.01	0	2.00	A
Water (Industrial)	Peroxyacetic acid	54.96	0	23.80	A
Water (Industrial)	Propionic acid	2.83	0	13.60	A
Water (Industrial)	Sodium bromide	189.74	0	10.00	U
Water (Industrial)	Sodium dichloro-s-triazinetrione	90.00	0	2.00	U
Water (Industrial)	Sodium hypochlorite	127.11	0	8.00	U
Water (Industrial)	Sodium percarbonate	1,317.50	0	77.45	A
Water (Industrial)	Tall oil fatty acids	7.25	0	85.25	A
Water (Industrial)	Triclopyr, triethylamine salt	0.53	0	1.10	A
Water Area	Acid blue 9, diammonium salt	5.54	1	16.00	A
Water Area	Aggregated adjuvant data	13.49	3	26.48	A
Water Area	Aggregated adjuvant data	0.93	0	22,500.00	S
Water Area	Copper ethanolamine complexes, mixed	786.29	2	64.50	A
Water Area	Copper sulfate (pentahydrate)	158.53	5	15.75	A
Water Area	Diquat dibromide	24.03	2	7.10	A
Water Area	Endothall, dipotassium salt	42.30	0	6.00	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Water Area	Flumioxazin	3.09	2	19.25	A
Water Area	Fluridone	0.28	0	74,861.11	C
Water Area	Glyphosate, isopropylamine salt	10.09	0	20.19	A
Water Area	Hydrogen peroxide	105.29	0	43.79	U
Water Area	Imazamox, ammonium salt	1.05	1	1.00	A
Water Area	Imazamox, ammonium salt	0.26	0	22,500.00	S
Water Area	Lecithin	0.37	0	6.50	A
Water Area	Methylated soybean oil	4.42	0	17.23	A
Water Area	Penoxsulam	0.25	0	2.00	A
Water Area	Peroxyacetic acid	71.79	0	43.79	U
Water Area	Sodium percarbonate	85.00	0	1.00	A
Water Area	Tartrazine	0.46	1	16.00	A
Water Area	Triclopyr, triethylamine salt	4.61	0	13.48	A
Water Systems - Human Potable/Drinking	Sodium hypochlorite	12.62	0	2.00	A
Wheat	Aggregated adjuvant data	62.98	2	390.00	A
Wheat	Bromoxynil heptanoate	160.03	2	465.00	A
Wheat	Bromoxynil octanoate	165.95	2	465.00	A
Wheat	Pyroxsulam	6.08	2	465.00	A