

2023 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	80.00	A
Animal Premise	Bromadiolone	< 0.01	0	80.00	A
Animal Premise	Bromadiolone	< 0.01	1	35,000.00	P
Animal Premise	Bromadiolone	0.02	76	4,020,000.00	S
Animal Premise	Bromethalin	< 0.01	59	2,065,000.00	S
Animal Premise	Difethialone	< 0.01	0	40.00	A
Apple	(e,e)-8,10-dodecadien-1-ol	0.14	3	3.50	A
Apple	Acetamiprid	10.47	11	150.00	A
Apple	Aggregated adjuvant data	3.39	13	27.00	A
Apple	Azadirachtin	0.31	2	15.50	A
Apple	Bacillus altitudinis strain: qst 2808	2.12	3	17.00	A
Apple	Bacillus thuringiensis subsp. kurstaki strain: abts-351	632.23	75	630.70	A
Apple	Bacillus velensis strain: qst 713	4.73	3	33.00	A
Apple	Carbaryl	3.01	2	0.50	A
Apple	Chlorantraniliprole	6.98	12	96.00	A
Apple	Clarified hydrophobic extract of neem oil	0.02	1	0.10	A
Apple	Copper hydroxide	114.61	13	129.60	A
Apple	Copper oxychloride	84.56	7	106.60	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Apple	Cuprous oxide	11.10	5	11.85	A
Apple	Diazinon	10.00	2	4.00	A
Apple	Esfenvalerate	3.28	6	50.00	A
Apple	Flumioxazin	1.49	1	10.00	A
Apple	Glufosinate-ammonium	1.36	1	3.00	A
Apple	Glyphosate, potassium salt	4.48	2	12.00	A
Apple	Hydrogen peroxide	8.17	6	5.75	A
Apple	Iron phosphate	3.00	2	14.00	A
Apple	Kaolin	9,621.12	36	279.90	A
Apple	Lauryl alcohol	0.08	3	3.50	A
Apple	Lime-sulfur	11,788.45	150	1,280.20	A
Apple	Lime-sulfur	0.78	2	18.00	U
Apple	Mancozeb	227.25	9	107.00	A
Apple	Methoxyfenozide	2.97	2	15.00	A
Apple	Mineral oil	20,295.77	102	803.40	A
Apple	Mineral oil	0.72	2	18.00	U
Apple	Myclobutanil	23.18	23	232.50	A
Apple	Myristyl alcohol	0.02	3	3.50	A
Apple	Peroxyacetic acid	0.60	6	5.75	A
Apple	Potassium laurate	1.06	3	2.50	A
Apple	Pyrethrins	0.07	2	3.00	A
Apple	Pyriproxyfen	1.30	2	15.00	A
Apple	Spinetoram	2.87	4	30.00	A
Apple	Spinosad	104.39	54	486.40	A
Apple	Streptomycin sulfate	0.06	1	0.50	A
Apple	Sulfur	8,537.93	151	1,187.80	A
Apple	Thiophanate-methyl	56.00	4	64.00	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Apple	Zinc phosphide	0.11	3	30.00	A
Arugula	Azadirachtin	0.03	36	9,600.00	S
Arugula	Bacillus velensis strain: qst 713	0.02	21	5,400.00	S
Arugula	Reynoutria sachalinensis (giant knotweed) plant extract	0.04	15	4,200.00	S
Basil, Sweet	Azadirachtin	< 0.01	11	3,000.00	S
Basil, Sweet	Bacillus velensis strain: qst 713	< 0.01	6	1,600.00	S
Basil, Sweet	Reynoutria sachalinensis (giant knotweed) plant extract	0.02	5	1,400.00	S
Beehive	Potassium salt of hop beta acids	0.04	0	4.00	U
Blueberry	Clarified hydrophobic extract of neem oil	0.96	2	1.50	A
Blueberry	Copper sulfate (pentahydrate)	0.73	6	4.50	A
Cannabis (All Or Unspecified)	2,4-d, dimethylamine salt	0.36	12	50,000.00	S
Cannabis (All Or Unspecified)	Abamectin	< 0.01	1	4,000.00	S
Cannabis (All Or Unspecified)	Aggregated adjuvant data	1.53	12	6.90	A
Cannabis (All Or Unspecified)	Aggregated adjuvant data	0.50	2	8,000.00	S
Cannabis (All Or Unspecified)	Azadirachtin	0.05	3	1.60	A
Cannabis (All Or Unspecified)	Azadirachtin	1.05	226	662,559.00	S
Cannabis (All Or Unspecified)	Bacillus thuringiensis subsp. aizawai strain: abts-1857	2.51	7	3.90	A
Cannabis (All Or Unspecified)	Bacillus thuringiensis subsp. israelensis strain: am 65-52	4.12	5	8,064.00	S
Cannabis (All Or Unspecified)	Bacillus thuringiensis subspecies israelensis strain bmp 144	0.03	20	307,920.00	S
Cannabis (All Or Unspecified)	Bacillus velensis strain: qst 713	0.10	8	9,924.00	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Cannabis (All Or Unspecified)	Bacillus velezensis strain: d747	18.50	4	2.10	A
Cannabis (All Or Unspecified)	Bacillus velezensis strain: d747	16.88	59	94,626.00	S
Cannabis (All Or Unspecified)	Beauveria bassiana strain: ppri 5339	0.15	12	18,331.00	S
Cannabis (All Or Unspecified)	Bifenthrin	0.04	1	4,000.00	S
Cannabis (All Or Unspecified)	Burkholderia rinojensis strain a396	21.24	4	2.70	A
Cannabis (All Or Unspecified)	Burkholderia rinojensis strain a396	511.62	298	857,448.00	S
Cannabis (All Or Unspecified)	Chromobacterium subtsugae strain: praa4-1	1.75	6	3.70	A
Cannabis (All Or Unspecified)	Chromobacterium subtsugae strain: praa4-1	0.19	2	9,000.00	S
Cannabis (All Or Unspecified)	Dicamba, dimethylamine salt	0.04	12	50,000.00	S
Cannabis (All Or Unspecified)	Iba	0.04	105	50,400.00	S
Cannabis (All Or Unspecified)	Mcpp-p, dma salt	0.09	12	50,000.00	S
Cannabis (All Or Unspecified)	Mineral oil	75.50	45	180,000.00	S
Cannabis (All Or Unspecified)	Potassium bicarbonate	9.11	70	104,456.00	S
Cannabis (All Or Unspecified)	Potassium laurate	286.82	751	1,321,488.00	S
Cannabis (All Or Unspecified)	Potassium phosphite	20.76	113	169,631.00	S
Cannabis (All Or Unspecified)	Potassium silicate	3.83	26	45,352.00	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Cannabis (All Or Unspecified)	Pyrethrins	0.02	14	21,072.00	S
Cannabis (All Or Unspecified)	Reynoutria sachalinensis (giant knotweed) plant extract	1.50	5	3.40	A
Cannabis (All Or Unspecified)	Reynoutria sachalinensis (giant knotweed) plant extract	8.36	372	926,774.00	S
Cannabis (All Or Unspecified)	Sodium dichloro-s-triazinetriene dihydrate	0.14	1	5,000.00	S
Cannabis (All Or Unspecified)	Sodium hypochlorite	6.58	7	32,000.00	S
Cannabis (All Or Unspecified)	Spinosad	0.02	8	34,000.00	S
Cannabis (All Or Unspecified)	Sulfur	32.62	522	940,032.00	S
Cherry	Clarified hydrophobic extract of neem oil	0.02	1	0.10	A
Cherry	Copper hydroxide	< 0.01	2	0.20	A
Cherry	Copper oxychloride	< 0.01	2	0.20	A
Cherry	Mineral oil	0.41	3	0.30	A
Cherry	Sulfur	0.02	2	0.20	A
Chicory	Azadirachtin	0.04	22	11,900.00	S
Chicory	Bacillus velensis strain: qst 713	0.02	12	6,500.00	S
Chicory	Reynoutria sachalinensis (giant knotweed) plant extract	0.06	10	5,400.00	S
Commodity Fumigation	Sulfur dioxide	26.78	0	0.00	N/A
Dandelion Green	Azadirachtin	0.02	15	3,000.00	S
Dandelion Green	Bacillus velensis strain: qst 713	< 0.01	9	1,800.00	S
Dandelion Green	Reynoutria sachalinensis (giant knotweed) plant extract	0.01	6	1,200.00	S
Farm/Ag Building	Bromadiolone	< 0.01	0	40.00	A
Farm/Ag Building	Difethialone	< 0.01	0	120.00	A
Fava Bean	Azadirachtin	0.02	18	7,200.00	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Fava Bean	Bacillus velensis strain: qst 713	0.01	10	4,000.00	S
Fava Bean	Reynoutria sachalinensis (giant knotweed) plant extract	0.04	8	3,200.00	S
Forest, Timberland	Aggregated adjuvant data	78.56	7	193.00	A
Forest, Timberland	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	79.15	9	233.00	A
Forest, Timberland	Clopyralid, monoethanolamine salt	11.87	2	77.00	A
Forest, Timberland	Glyphosate, dimethylamine salt	143.34	3	85.00	A
Forest, Timberland	Glyphosate, isopropylamine salt	288.48	8	216.00	A
Forest, Timberland	Imazapyr, isopropylamine salt	246.86	18	546.00	A
Forest, Timberland	Methylated soybean oil	963.97	12	337.00	A
Forest, Timberland	Triclopyr, butoxyethyl ester	54.86	1	40.00	A
Fumigation, Other	Magnesium phosphide	3.25	0	0.00	N/A
Fumigation, Other	Sulfur dioxide	15.84	2	2.00	A
Fumigation, Other	Sulfur dioxide	28.63	2	89.00	U
Fumigation, Other	Sulfur dioxide	11,175.18	0	0.00	N/A
Golf Course Turf	Chlorothalonil	38.95	0	375,000.00	S
Golf Course Turf	Mineral oil	111.86	0	900,000.00	S
Grape	Aggregated adjuvant data	7.18	2	25.00	A
Grape	Ammonium sulfate	18.54	2	25.00	A
Grape	Flazasulfuron	0.88	2	25.00	A
Grape	Flumioxazin	1.53	1	4.00	A
Grape	Glyphosate, potassium salt	51.72	2	25.00	A
Grape	Indaziflam	1.30	1	21.00	A
Grape	Oxyfluorfen	30.47	1	21.00	A
Grape, Wine	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	23,811.03	5,474	99,861.81	A
Grape, Wine	3,7-dimethyl-6-octen-1-ol	0.71	6	51.53	A
Grape, Wine	4-nonylphenol, formaldehyde resin, propoxylated	3,722.86	1,286	24,586.58	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, Wine	Abamectin	6.19	29	377.57	A
Grape, Wine	Acetamiprid	213.36	113	3,129.77	A
Grape, Wine	Acrylic acid-butyl acrylate-styrene copolymer	1,593.99	219	5,778.31	A
Grape, Wine	Aggregated adjuvant data	8,648.31	3,559	60,160.39	A
Grape, Wine	Albifimbria verrucariasolids and solubles strain: aarc-0255	295.28	10	32.79	A
Grape, Wine	Alcohols, c12-14-secondary, ethoxylated	6,235.35	2,810	52,634.27	A
Grape, Wine	Alkyl (c8,c10) polyglucoside	2,532.90	1,207	12,123.54	A
Grape, Wine	Allethrin	0.06	2	26.00	A
Grape, Wine	Allyl polyoxyethylene acetate	268.34	163	3,660.76	A
Grape, Wine	Alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	59.61	463	7,709.24	A
Grape, Wine	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	11,413.00	1,291	36,605.81	A
Grape, Wine	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	443.74	125	1,149.91	A
Grape, Wine	Alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	0.98	14	48.50	A
Grape, Wine	Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	1,624.19	1,491	18,329.96	A
Grape, Wine	Alpha-alkylaryl-omega-hydroxypoly(oxyethylene)	13.76	22	505.00	A
Grape, Wine	Alpha-pinene-beta-pinene copolymer	1,168.14	493	8,035.74	A
Grape, Wine	Alpha-undecyl-omega-hydroxypoly(oxyethylene)	6.43	15	86.20	A
Grape, Wine	Ammonium nitrate	5,008.84	2,366	25,529.85	A
Grape, Wine	Ammonium sulfate	13,542.69	2,386	27,469.89	A
Grape, Wine	Aureobasidium pullulans subspecies pullulans dsm # 14940	1.40	1	7.00	A
Grape, Wine	Aureobasidium pullulans subspecies pullulans dsm # 14941	1.40	1	7.00	A
Grape, Wine	Azadirachtin	1.23	3	28.52	A
Grape, Wine	Azoxystrobin	324.13	80	1,802.04	A
Grape, Wine	Bacillus altitudinis strain: qst 2808	972.08	929	11,782.92	A
Grape, Wine	Bacillus amyloliquefaciens strain: f727	4,093.43	43	566.97	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, Wine	Bacillus subtilis subspecies subtilis strain: iab/bs03	31.06	108	2,716.29	A
Grape, Wine	Bacillus subtilis var. amyloliquefaciens strain fzb24	2.09	7	76.21	A
Grape, Wine	Bacillus thuringiensis (berliner), subsp. aizawai, serotype h-7	1.79	3	17.40	A
Grape, Wine	Bacillus thuringiensis subsp. aizawai strain: abts-1857	31.08	5	57.20	A
Grape, Wine	Bacillus thuringiensis subsp. kurstaki strain: abts-351	300.75	22	557.33	A
Grape, Wine	Bacillus velensis strain: qst 713	1,786.64	1,178	15,208.69	A
Grape, Wine	Bacillus velezensis strain: d747	1,860.30	29	420.77	A
Grape, Wine	Bacillus velezensis strain: mbi 600	24.30	34	410.27	A
Grape, Wine	Bacteriophages active against xylella fastidiosa	< 0.01	19	42.28	A
Grape, Wine	Benzoic acid	78.96	1,452	15,187.07	A
Grape, Wine	Benzovindiflupyr	342.16	386	5,223.72	A
Grape, Wine	Beta-conglutin	1,015.76	93	2,089.18	A
Grape, Wine	Bifenazate	467.46	32	1,249.90	A
Grape, Wine	Boric acid	1.56	1	2.50	A
Grape, Wine	Boscalid	1,746.99	318	6,258.41	A
Grape, Wine	Burkholderia rinojensis strain a396	2,238.97	22	511.47	A
Grape, Wine	Butadiene-styrene copolymer	0.88	8	38.50	A
Grape, Wine	Butyl lactate	330.29	347	5,862.16	A
Grape, Wine	Capric acid	893.55	22	168.02	A
Grape, Wine	Caprylic acid	1,312.48	23	176.52	A
Grape, Wine	Carfentrazone-ethyl	115.88	496	4,232.80	A
Grape, Wine	Castor oil ethoxylate	4,360.04	1,959	26,881.21	A
Grape, Wine	Cerevisane (cell walls of saccharomyces cerevisiae strain las117)	1,052.02	387	5,548.08	A
Grape, Wine	Chlorantraniliprole	38.69	10	385.58	A
Grape, Wine	Chromobacterium subtsugae strain: praa4-1	21.60	1	36.00	A
Grape, Wine	Citric acid	123.67	86	937.85	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, Wine	Clethodim	5.11	7	39.16	A
Grape, Wine	Clonostachys rosea strain: j1446	2.62	1	30.00	A
Grape, Wine	Clothianidin	69.03	30	665.82	A
Grape, Wine	Copper hydroxide	2,417.03	400	7,278.29	A
Grape, Wine	Copper oxychloride	2,288.58	380	6,865.59	A
Grape, Wine	Copper sulfate (basic)	112.54	10	323.50	A
Grape, Wine	Copper sulfate (pentahydrate)	2.97	1	2.00	A
Grape, Wine	Corn syrup	96.99	28	616.60	A
Grape, Wine	Cuprous oxide	14,535.46	871	16,681.77	A
Grape, Wine	Cyflufenamid	844.28	1,477	27,653.01	A
Grape, Wine	Cyflumetofen	142.98	46	775.59	A
Grape, Wine	Cyprodinil	10,069.08	2,020	39,643.08	A
Grape, Wine	Dialkyl phthalate	18.03	18	499.50	A
Grape, Wine	Didecyl dimethyl ammonium chloride	9.79	12	133.55	A
Grape, Wine	Difenoconazole	1,753.66	1,304	25,679.38	A
Grape, Wine	Dimethyl alkyl tertiary amines	86.22	1,452	15,187.07	A
Grape, Wine	Dimethyl silicone fluid emulsion	17.98	181	2,185.42	A
Grape, Wine	Dimethylamine 2-(2,4-dichlorophenoxy)propionate	0.34	1	2.00	A
Grape, Wine	Dimethylpolysiloxane	2,329.98	2,521	45,265.63	A
Grape, Wine	Dinotefuran	155.32	41	2,821.42	A
Grape, Wine	Dioctyl dimethyl ammonium chloride	6.53	12	133.55	A
Grape, Wine	Diquat dibromide	5.54	1	5.94	A
Grape, Wine	Disodium octaborate tetrahydrate	4.25	1	11.00	A
Grape, Wine	E-11-tetradecen-1-yl acetate	0.46	5	200.00	A
Grape, Wine	Etoxazole	155.81	41	3,479.93	A
Grape, Wine	Farnesol	0.28	6	51.53	A
Grape, Wine	Fatty acids, mixed	32.68	18	499.50	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, Wine	Fenhexamid	4,014.52	426	8,039.26	A
Grape, Wine	Fenpropathrin	0.88	1	2.80	A
Grape, Wine	Fenpyroximate	0.94	2	33.00	A
Grape, Wine	Fipronil	0.01	1	8.50	A
Grape, Wine	Flazasulfuron	163.47	792	5,549.91	A
Grape, Wine	Fluazifop-butyl	5.97	1	12.00	A
Grape, Wine	Fluazifop-p-butyl	400.50	219	2,264.13	A
Grape, Wine	Fludioxonil	2,647.22	588	11,894.12	A
Grape, Wine	Flumioxazin	3,161.21	1,354	15,382.49	A
Grape, Wine	Fluopyram	3,767.71	1,561	35,783.83	A
Grape, Wine	Flupyradifurone	971.42	368	8,272.24	A
Grape, Wine	Flutianil	47.37	219	2,284.79	A
Grape, Wine	Flutriafol	996.90	627	12,280.31	A
Grape, Wine	Forchlorfenuron	0.08	4	19.86	A
Grape, Wine	Geraniol	0.71	6	51.53	A
Grape, Wine	Glufosinate-ammonium	15,991.34	1,815	17,651.51	A
Grape, Wine	Glycerol	319.14	138	1,325.19	A
Grape, Wine	Glyphosate, isopropylamine salt	12,605.88	879	6,732.76	A
Grape, Wine	Glyphosate, potassium salt	22,325.55	1,327	19,599.03	A
Grape, Wine	Harpin protein	0.05	4	41.90	A
Grape, Wine	Heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	68.98	60	1,130.09	A
Grape, Wine	Hydrogen peroxide	8,057.38	235	3,027.89	A
Grape, Wine	Hypocrea (teleomorph)	18.68	162	4,400.05	A
Grape, Wine	Hypocrea atroviridis	18.68	162	4,400.05	A
Grape, Wine	Hypocrea atroviridis (telomorph)	3.60	5	24.00	A
Grape, Wine	Imidacloprid	4,084.87	297	5,852.18	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, Wine	Indaziflam	330.06	804	9,727.30	A
Grape, Wine	Iprodione	59.89	2	80.00	A
Grape, Wine	Isopropyl alcohol	16.94	18	499.50	A
Grape, Wine	Isoxaben	17.57	3	29.28	A
Grape, Wine	Kaolin	7,184.28	70	2,391.66	A
Grape, Wine	Kresoxim-methyl	275.15	132	2,383.15	A
Grape, Wine	Laminarin	0.74	5	40.50	A
Grape, Wine	Lavandulyl senecioate	72,163.02	895	22,961.56	A
Grape, Wine	Lecithin	37.28	40	701.01	A
Grape, Wine	Lime-sulfur	1,934.67	4	82.87	A
Grape, Wine	Mancozeb	4.50	2	4.00	A
Grape, Wine	Mcpa, dimethylamine salt	0.35	1	2.00	A
Grape, Wine	Mcpp, dimethylamine salt	0.35	1	2.00	A
Grape, Wine	Mefentrifluconazole	983.66	384	7,891.65	A
Grape, Wine	Methoxyfenozide	145.79	16	579.62	A
Grape, Wine	Methyl silicone resins	193.76	31	1,191.54	A
Grape, Wine	Methylated silicones	32.98	28	155.32	A
Grape, Wine	Methylated soybean oil	7,020.23	2,264	22,191.90	A
Grape, Wine	Metrafenone	5,759.42	1,071	20,469.56	A
Grape, Wine	Mineral oil	347,373.98	3,665	68,870.07	A
Grape, Wine	Myclobutanil	765.07	370	8,252.08	A
Grape, Wine	N,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	5.47	75	1,048.70	A
Grape, Wine	N-octyl bicycloheptene dicarboximide	0.19	2	26.00	A
Grape, Wine	Nerolidol	0.71	6	51.53	A
Grape, Wine	Octyl decyl dimethyl ammonium chloride	16.32	12	133.55	A
Grape, Wine	Oleic acid, methyl ester	3,558.75	161	3,567.35	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, Wine	Orthosulfamuron	87.31	85	658.66	A
Grape, Wine	Oxyfluorfen	3,359.71	537	5,664.14	A
Grape, Wine	P-menth-1-ene, dimer	624.21	206	3,842.81	A
Grape, Wine	Pendimethalin	4,459.36	232	4,350.73	A
Grape, Wine	Peroxyacetic acid	614.03	233	3,017.89	A
Grape, Wine	Petroleum distillates	22.24	2	26.00	A
Grape, Wine	Phosphoric acid	1.99	16	37.18	A
Grape, Wine	Piperonyl butoxide	0.09	2	26.00	A
Grape, Wine	Piperonyl butoxide, other related	0.02	2	26.00	A
Grape, Wine	Polyalkeneoxide modified heptamethyltrisiloxane	1.00	15	51.83	A
Grape, Wine	Polyethylene glycol	133.26	85	1,400.35	A
Grape, Wine	Polyethylene glycol diacetate	24.39	163	3,660.76	A
Grape, Wine	Polyoxin d, zinc salt	438.07	696	11,235.27	A
Grape, Wine	Polyoxyethylene polyol fatty acid esters	2,255.75	947	10,755.52	A
Grape, Wine	Polyoxyethylene sorbitan monolaurate	2,888.72	345	5,842.16	A
Grape, Wine	Polypropylene glycol	0.34	10	127.76	A
Grape, Wine	Potassium bicarbonate	17,929.91	434	6,160.87	A
Grape, Wine	Potassium laurate	10.41	1	2.50	A
Grape, Wine	Potassium peroxymonosulfate	2.42	1	5.00	A
Grape, Wine	Potassium phosphite	4.70	1	2.50	A
Grape, Wine	Potassium silicate	66.58	13	81.00	A
Grape, Wine	Propiconazole	35.67	4	128.00	A
Grape, Wine	Propylene glycol	0.81	14	48.50	A
Grape, Wine	Propylene glycol methyl ether	17.54	18	499.50	A
Grape, Wine	Pydiflumetofen	529.03	124	3,541.60	A
Grape, Wine	Pyraclostrobin	887.36	318	6,258.41	A
Grape, Wine	Pyraflufen-ethyl	4.46	138	1,507.71	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, Wine	Pyrethrins	4.73	16	154.75	A
Grape, Wine	Pyrimethanil	5,854.55	704	18,619.73	A
Grape, Wine	Pyriofenone	2,126.64	1,055	22,444.31	A
Grape, Wine	Quillaja	35.39	46	296.00	A
Grape, Wine	Quinoxifen	3,273.36	1,701	34,040.49	A
Grape, Wine	Reynoutria sachalinensis (giant knotweed) plant extract	408.68	199	1,965.25	A
Grape, Wine	Rimsulfuron	166.33	403	4,222.12	A
Grape, Wine	Sethoxydim	142.41	72	592.07	A
Grape, Wine	Silica filled polydimethylsiloxane	1.52	189	4,597.26	A
Grape, Wine	Simazine	252.19	13	158.27	A
Grape, Wine	Sodium hypochlorite	2.82	8	34.60	A
Grape, Wine	Sodium xylene sulfonate	9.51	6	208.36	A
Grape, Wine	Spinetoram	8.98	4	115.00	A
Grape, Wine	Spinosad	10.35	25	200.75	A
Grape, Wine	Spirotetramat	2,554.35	1,110	22,411.02	A
Grape, Wine	Strychnine	4.21	36	569.50	A
Grape, Wine	Sulfoxaflor	6.86	7	81.93	A
Grape, Wine	Sulfur	1,526,122.07	11,268	242,310.03	A
Grape, Wine	Sulfur dioxide	35.24	20	4,020.00	U
Grape, Wine	Tall oil	73.29	88	3,840.91	A
Grape, Wine	Tall oil fatty acids	1,170.92	1,012	9,083.17	A
Grape, Wine	Tebuconazole	2,204.37	923	21,312.57	A
Grape, Wine	Tetraconazole	385.26	429	9,786.08	A
Grape, Wine	Thiamethoxam	1,210.79	389	8,033.27	A
Grape, Wine	Thiophanate-methyl	808.15	86	1,369.48	A
Grape, Wine	Triclopyr choline	1.63	1	25.00	A
Grape, Wine	Trifloxystrobin	1,184.44	531	10,899.68	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, Wine	Triflumizole	77.48	25	345.35	A
Grape, Wine	Yucca, extract	1.91	4	38.00	A
Grape, Wine	Z-11-tetradecen-1-yl acetate	0.08	5	200.00	A
Grape, Wine	Zinc 2-pyridinethiol-1-oxide	0.73	7	54.46	A
Herb, Spice	Azadirachtin	0.25	37	71,600.00	S
Herb, Spice	Bacillus velensis strain: qst 713	0.12	20	37,800.00	S
Herb, Spice	Reynoutria sachalinensis (giant knotweed) plant extract	0.40	17	33,800.00	S
Kale	Azadirachtin	0.02	15	4,600.00	S
Kale	Bacillus velensis strain: qst 713	< 0.01	9	2,800.00	S
Kale	Reynoutria sachalinensis (giant knotweed) plant extract	0.02	6	1,800.00	S
Landscape Maintenance	2,4-d, 2-ethylhexyl ester	1.97	1	1.50	A
Landscape Maintenance	2,4-d, 2-ethylhexyl ester	148.86	0	0.00	N/A
Landscape Maintenance	2,4-d, dimethylamine salt	0.05	0	0.00	N/A
Landscape Maintenance	2,4-d, isooctyl ester	5.37	0	0.00	N/A
Landscape Maintenance	2,4-dp-p, 2-ethylhexyl ester	10.77	0	0.00	N/A
Landscape Maintenance	2,4-dp-p, dma salt	0.02	0	0.00	N/A
Landscape Maintenance	Abamectin	3.47	0	0.00	N/A
Landscape Maintenance	Acephate	0.03	0	0.00	N/A
Landscape Maintenance	Acetamiprid	0.13	0	0.00	N/A
Landscape Maintenance	Acibenzolar-s-methyl	1.14	0	0.00	N/A
Landscape Maintenance	Aggregated adjuvant data	421.15	0	0.00	N/A
Landscape Maintenance	Alkyl (c8,c10) polyglucoside	130.80	0	0.00	N/A
Landscape Maintenance	Allethrin	0.32	0	0.00	N/A
Landscape Maintenance	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	113.45	0	0.00	N/A
Landscape Maintenance	Aminopyralid, triisopropanolamine salt	18.92	0	0.00	N/A
Landscape Maintenance	Ammonium 1-naphthaleneacetate	0.84	0	0.00	N/A
Landscape Maintenance	Ammonium nonanoate	170.25	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape Maintenance	Ammonium soaps of fatty acids	0.52	0	0.00	N/A
Landscape Maintenance	Azadirachtin	0.11	0	0.00	N/A
Landscape Maintenance	Azoxystrobin	2.09	1	1.50	A
Landscape Maintenance	Azoxystrobin	154.95	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	0.78	0	0.00	N/A
Landscape Maintenance	Bacillus velensis strain: qst 713	0.08	0	0.00	N/A
Landscape Maintenance	Bacillus velezensis strain: d747	0.92	0	0.00	N/A
Landscape Maintenance	Benzovindiflupyr	0.79	0	0.00	N/A
Landscape Maintenance	Bifenazate	0.01	0	0.00	N/A
Landscape Maintenance	Bifenthrin	234.08	0	0.00	N/A
Landscape Maintenance	Boric acid	59.80	0	0.00	N/A
Landscape Maintenance	Boscalid	0.03	0	0.00	N/A
Landscape Maintenance	Brodifacoum	< 0.01	0	0.00	N/A
Landscape Maintenance	Bromadiolone	< 0.01	0	0.00	N/A
Landscape Maintenance	Bromethalin	< 0.01	0	0.00	N/A
Landscape Maintenance	Capric acid	227.15	0	0.00	N/A
Landscape Maintenance	Caprylic acid	327.33	0	0.00	N/A
Landscape Maintenance	Carbon	0.32	0	0.00	N/A
Landscape Maintenance	Carfentrazone-ethyl	0.10	1	1.50	A
Landscape Maintenance	Carfentrazone-ethyl	11.48	0	0.00	N/A
Landscape Maintenance	Chlorantraniliprole	25.19	0	0.00	N/A
Landscape Maintenance	Chlorophacinone	< 0.01	0	0.00	N/A
Landscape Maintenance	Chlorothalonil	15.07	1	1.50	A
Landscape Maintenance	Chlorothalonil	1,378.71	0	0.00	N/A
Landscape Maintenance	Chlorsulfuron	1.79	0	0.00	N/A
Landscape Maintenance	Clarified hydrophobic extract of neem oil	0.12	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape Maintenance	Clopyralid, monoethanolamine salt	67.05	0	0.00	N/A
Landscape Maintenance	Clopyralid, triethylamine salt	0.76	0	0.00	N/A
Landscape Maintenance	Clothianidin	342.47	0	0.00	N/A
Landscape Maintenance	Copper ammonium complex	1.52	0	0.00	N/A
Landscape Maintenance	Copper diammonium diacetate complex	3.14	0	0.00	N/A
Landscape Maintenance	Copper hydroxide	152.25	0	0.00	N/A
Landscape Maintenance	Copper octanoate	< 0.01	0	0.00	N/A
Landscape Maintenance	Copper oxychloride	166.70	0	0.00	N/A
Landscape Maintenance	Cuprous oxide	9.07	0	0.00	N/A
Landscape Maintenance	Cyazofamid	13.29	0	0.00	N/A
Landscape Maintenance	Cypermethrin	0.12	0	0.00	N/A
Landscape Maintenance	Deltamethrin	0.04	0	0.00	N/A
Landscape Maintenance	Dicamba	0.13	1	1.50	A
Landscape Maintenance	Dicamba	10.55	0	0.00	N/A
Landscape Maintenance	Dicamba, dimethylamine salt	< 0.01	0	0.00	N/A
Landscape Maintenance	Didecyl dimethyl ammonium chloride	0.07	0	0.00	N/A
Landscape Maintenance	Difenoconazole	1.31	1	1.50	A
Landscape Maintenance	Difenoconazole	6.83	0	0.00	N/A
Landscape Maintenance	Dikegulac sodium	4.41	0	0.00	N/A
Landscape Maintenance	Dimethylpolysiloxane	0.51	0	0.00	N/A
Landscape Maintenance	Dinotefuran	11.21	0	0.00	N/A
Landscape Maintenance	Diocetyl dimethyl ammonium chloride	0.07	0	0.00	N/A
Landscape Maintenance	Diphacinone	0.07	0	0.00	N/A
Landscape Maintenance	Diquat dibromide	276.46	0	0.00	N/A
Landscape Maintenance	Dithiopyr	534.66	0	0.00	N/A
Landscape Maintenance	Diuron	1.92	0	0.00	N/A
Landscape Maintenance	Emamectin benzoate	0.41	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape Maintenance	Esfenvalerate	0.02	0	0.00	N/A
Landscape Maintenance	Ethephon	478.88	0	0.00	N/A
Landscape Maintenance	Ethofumesate	2.90	0	0.00	N/A
Landscape Maintenance	Ferric sodium edta	0.09	0	0.00	N/A
Landscape Maintenance	Florasulam	0.12	0	0.00	N/A
Landscape Maintenance	Fluazifop-p-butyl	1.05	0	0.00	N/A
Landscape Maintenance	Fluazinam	58.14	0	0.00	N/A
Landscape Maintenance	Fludioxonil	21.33	0	0.00	N/A
Landscape Maintenance	Flumioxazin	4.41	0	0.00	N/A
Landscape Maintenance	Fluopyram	5.27	0	0.00	N/A
Landscape Maintenance	Flupyradifurone	3.98	0	0.00	N/A
Landscape Maintenance	Fluridone	1.47	0	0.00	N/A
Landscape Maintenance	Flurprimidol	5.39	0	0.00	N/A
Landscape Maintenance	Flutolanil	53.03	0	0.00	N/A
Landscape Maintenance	Fluxapyroxad	8.74	0	0.00	N/A
Landscape Maintenance	Foramsulfuron	< 0.01	0	0.00	N/A
Landscape Maintenance	Fosetyl-al	17.06	0	0.00	N/A
Landscape Maintenance	Glufosinate-ammonium	253.82	0	0.00	N/A
Landscape Maintenance	Glyphosate, dimethylamine salt	2.05	0	0.00	N/A
Landscape Maintenance	Glyphosate, isopropylamine salt	0.31	1	3,000.00	S
Landscape Maintenance	Glyphosate, isopropylamine salt	1,982.63	0	0.00	N/A
Landscape Maintenance	Glyphosate, monoammonium salt	66.33	0	0.00	N/A
Landscape Maintenance	Glyphosate, potassium salt	370.15	0	0.00	N/A
Landscape Maintenance	Heptyl butyrate	1.58	0	0.00	N/A
Landscape Maintenance	Hydrogen peroxide	103.63	0	0.00	N/A
Landscape Maintenance	Imazamox, ammonium salt	2.12	0	0.00	N/A
Landscape Maintenance	Imidacloprid	757.56	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape Maintenance	Indaziflam	1.71	0	0.00	N/A
Landscape Maintenance	Indoxacarb	4.80	0	0.00	N/A
Landscape Maintenance	Iprodione	5.00	1	1.50	A
Landscape Maintenance	Iprodione	176.08	0	0.00	N/A
Landscape Maintenance	Iron phosphate	2.06	0	0.00	N/A
Landscape Maintenance	Isoxaben	36.13	0	0.00	N/A
Landscape Maintenance	Lambda-cyhalothrin	0.06	0	0.00	N/A
Landscape Maintenance	Limonene	9.96	0	0.00	N/A
Landscape Maintenance	Malathion	1.15	0	0.00	N/A
Landscape Maintenance	Mancozeb	216.00	0	0.00	N/A
Landscape Maintenance	Mcpp-p, dma salt	0.02	0	0.00	N/A
Landscape Maintenance	Mecoprop-p	0.50	1	1.50	A
Landscape Maintenance	Mecoprop-p	18.61	0	0.00	N/A
Landscape Maintenance	Mefenoxam	27.04	0	0.00	N/A
Landscape Maintenance	Mefentrifluconazole	22.22	0	0.00	N/A
Landscape Maintenance	Metconazole	17.15	0	0.00	N/A
Landscape Maintenance	Methylated soybean oil	22.28	0	0.00	N/A
Landscape Maintenance	Mineral oil	3,591.50	0	0.00	N/A
Landscape Maintenance	Msma	2.15	0	0.00	N/A
Landscape Maintenance	Myclobutanil	1.68	0	0.00	N/A
Landscape Maintenance	N-octyl bicycloheptene dicarboximide	1.07	0	0.00	N/A
Landscape Maintenance	Octyl decyl dimethyl ammonium chloride	0.15	0	0.00	N/A
Landscape Maintenance	Oleic acid, ethyl ester	14.51	0	0.00	N/A
Landscape Maintenance	Oxyfluorfen	10.03	0	0.00	N/A
Landscape Maintenance	Paclobutrazol	72.64	0	0.00	N/A
Landscape Maintenance	Pcnb	41.99	0	0.00	N/A
Landscape Maintenance	Pendimethalin	97.30	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape Maintenance	Penoxsulam	1.48	0	0.00	N/A
Landscape Maintenance	Penthiopyrad	67.14	0	0.00	N/A
Landscape Maintenance	Permethrin	154.58	0	0.00	N/A
Landscape Maintenance	Peroxyacetic acid	0.34	0	0.00	N/A
Landscape Maintenance	Petroleum distillates	127.28	0	0.00	N/A
Landscape Maintenance	Piperonyl butoxide	54.67	0	0.00	N/A
Landscape Maintenance	Piperonyl butoxide, other related	0.13	0	0.00	N/A
Landscape Maintenance	Polyethylene glycol stearate	3.60	0	0.00	N/A
Landscape Maintenance	Polyoxin d, zinc salt	5.89	0	0.00	N/A
Landscape Maintenance	Potassium laurate	0.01	0	0.00	N/A
Landscape Maintenance	Potassium phosphite	2,734.10	0	0.00	N/A
Landscape Maintenance	Prallethrin	0.01	0	0.00	N/A
Landscape Maintenance	Prodiamine	30,790.39	0	0.00	N/A
Landscape Maintenance	Prohexadione-calcium	9.86	0	0.00	N/A
Landscape Maintenance	Propamocarb hydrochloride	21.84	0	0.00	N/A
Landscape Maintenance	Propiconazole	101.36	0	0.00	N/A
Landscape Maintenance	Propylene glycol	19.51	0	0.00	N/A
Landscape Maintenance	Pyraclostrobin	34.71	0	0.00	N/A
Landscape Maintenance	Pyraflufen-ethyl	0.07	0	0.00	N/A
Landscape Maintenance	Pyrethrins	5.40	0	0.00	N/A
Landscape Maintenance	Pyriproxyfen	0.38	0	0.00	N/A
Landscape Maintenance	Quinclorac	0.01	0	0.00	N/A
Landscape Maintenance	Quinclorac, dimethylamine salt	87.99	0	0.00	N/A
Landscape Maintenance	Sodium nitrate	0.67	0	0.00	N/A
Landscape Maintenance	Sodium percarbonate	1,870.00	0	0.00	N/A
Landscape Maintenance	Spinosad	0.12	0	0.00	N/A
Landscape Maintenance	Spiromesifen	< 0.01	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape Maintenance	Streptomycin sulfate	0.20	0	0.00	N/A
Landscape Maintenance	Strychnine	0.09	0	0.00	N/A
Landscape Maintenance	Sulfentrazone	0.12	0	0.00	N/A
Landscape Maintenance	Sulfometuron-methyl	3.50	0	0.00	N/A
Landscape Maintenance	Sulfur	1.80	0	0.00	N/A
Landscape Maintenance	Sulfur dioxide	9.90	0	0.00	N/A
Landscape Maintenance	Tall oil fatty acids	14.42	0	0.00	N/A
Landscape Maintenance	Tau-fluvalinate	< 0.01	0	0.00	N/A
Landscape Maintenance	Tebuconazole	42.46	0	0.00	N/A
Landscape Maintenance	Tetraniliprole	1.78	0	0.00	N/A
Landscape Maintenance	Thiophanate-methyl	189.17	0	0.00	N/A
Landscape Maintenance	Topramezone	2.36	0	0.00	N/A
Landscape Maintenance	Triadimefon	13.47	0	0.00	N/A
Landscape Maintenance	Triclopyr choline	411.94	0	0.00	N/A
Landscape Maintenance	Triclopyr, butoxyethyl ester	578.54	0	0.00	N/A
Landscape Maintenance	Triclopyr, triethylamine salt	10.93	0	0.00	N/A
Landscape Maintenance	Trifloxystrobin	2.66	0	0.00	N/A
Landscape Maintenance	Trifluralin	14.72	0	0.00	N/A
Landscape Maintenance	Trinexapac-ethyl	82.39	0	0.00	N/A
Landscape Maintenance	Triticonazole	6.76	0	0.00	N/A
Landscape Maintenance	Zeta-cypermethrin	< 0.01	0	0.00	N/A
Landscape Maintenance	Zinc phosphide	0.02	0	0.00	N/A
Lettuce, Head	Azadirachtin	0.23	37	62,700.00	S
Lettuce, Head	Bacillus velensis strain: qst 713	0.11	21	35,800.00	S
Lettuce, Head	Reynoutria sachalinensis (giant knotweed) plant extract	0.33	16	26,900.00	S
Mushroom	Acetamiprid	1.25	2	16.00	A
Mushroom	Aggregated adjuvant data	15.55	3	24.00	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Mushroom	Glufosinate-ammonium	9.41	1	8.00	A
Mushroom	Glyphosate, potassium salt	5.52	1	8.00	A
N-Grnhs Flower	Abamectin	2.44	23	126.00	A
N-Grnhs Flower	Acephate	245.26	30	147.00	A
N-Grnhs Flower	Acephate	6.00	3	200,000.00	S
N-Grnhs Flower	Acetamiprid	0.76	2	2.00	A
N-Grnhs Flower	Aggregated adjuvant data	779.22	125	557.50	A
N-Grnhs Flower	Aggregated adjuvant data	26.54	14	925,002.28	S
N-Grnhs Flower	Bacillus velensis strain: qst 713	10.12	22	128.00	A
N-Grnhs Flower	Boscalid	0.88	1	2.00	A
N-Grnhs Flower	Boscalid	0.25	1	50,000.00	S
N-Grnhs Flower	Chlorfenapyr	2.88	5	8.00	A
N-Grnhs Flower	Cyantraniliprole	3.44	6	15.00	A
N-Grnhs Flower	Cyflumetofen	3.82	4	12.00	A
N-Grnhs Flower	Cyprodinil	11.46	16	43.00	A
N-Grnhs Flower	Fenhexamid	23.50	8	30.00	A
N-Grnhs Flower	Fenpyroximate	0.11	1	1.00	A
N-Grnhs Flower	Fludioxonil	7.64	16	43.00	A
N-Grnhs Flower	Iprodione	13.75	5	10.00	A
N-Grnhs Flower	Mefenoxam	0.28	1	9.00	A
N-Grnhs Flower	Piperalin	39.47	29	60.00	A
N-Grnhs Flower	Pymetrozine	1.88	6	6.00	A
N-Grnhs Flower	Pyraclostrobin	0.45	1	2.00	A
N-Grnhs Flower	Pyraclostrobin	0.13	1	50,000.00	S
N-Grnhs Flower	Pyridalyl	48.83	28	161.00	A
N-Grnhs Flower	Tau-fluvalinate	3.12	6	425,000.00	S
N-Grnhs Flower	Tolfenpyrad	10.96	6	40.00	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-Grnhs Plants In Containers	Abamectin	< 0.01	1	0.25	A
N-Grnhs Plants In Containers	Abamectin	< 0.01	3	3,375.00	S
N-Grnhs Plants In Containers	Azadirachtin	< 0.01	1	1,098.00	S
N-Grnhs Plants In Containers	Azoxystrobin	0.23	2	3,750.00	S
N-Grnhs Plants In Containers	Bacillus velensis strain: qst 713	0.01	1	1,058.00	S
N-Grnhs Plants In Containers	Boscalid	2.12	17	66,000.00	U
N-Grnhs Plants In Containers	Buprofezin	3.35	1	0.01	S
N-Grnhs Plants In Containers	Cyantraniliprole	0.60	3	174,914.00	U
N-Grnhs Plants In Containers	Cyazofamid	0.07	3	19,392.00	U
N-Grnhs Plants In Containers	Cyflumetofen	< 0.01	1	500.00	U
N-Grnhs Plants In Containers	Dinotefuran	0.07	1	0.25	A
N-Grnhs Plants In Containers	Fluxapyroxad	0.18	2	60,000.00	U
N-Grnhs Plants In Containers	Fosetyl-al	2.65	1	19,398.00	U
N-Grnhs Plants In Containers	Glyphosate, potassium salt	0.22	1	2,700.00	S
N-Grnhs Plants In Containers	Imidacloprid	0.06	1	0.25	A
N-Grnhs Plants In Containers	Imidacloprid	0.17	26	11,475.00	S
N-Grnhs Plants In Containers	Iron phosphate	0.06	12	7,800.00	S
N-Grnhs Plants In Containers	Margosa oil	0.23	1	1,098.00	S
N-Grnhs Plants In Containers	Mefenoxam	0.09	1	0.25	A
N-Grnhs Plants In Containers	Mefenoxam	0.40	4	20,527.50	U
N-Grnhs Plants In Containers	Metaldehyde	0.04	1	0.25	A
N-Grnhs Plants In Containers	Mineral oil	0.98	3	2,246.50	S
N-Grnhs Plants In Containers	Potassium bicarbonate	0.19	1	962.50	S
N-Grnhs Plants In Containers	Potassium laurate	0.05	1	150.00	S
N-Grnhs Plants In Containers	Potassium laurate	0.39	1	6,000.00	U
N-Grnhs Plants In Containers	Pyraclostrobin	5.05	23	611,754.00	U
N-Grnhs Plants In Containers	Spinosad	0.03	1	2,722.50	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-Grnhs Plants In Containers	Spiromesifen	< 0.01	1	0.25	A
N-Grnhs Plants In Containers	Spirotetramat	0.20	1	6,500.00	U
N-Grnhs Plants In Containers	Tau-fluvalinate	0.01	10	1,100.00	S
N-Grnhs Plants In Containers	Tebuconazole	0.01	10	1,100.00	S
N-Grnhs Plants In Containers	Terrazole	0.28	1	6,058.00	U
N-Grnhs Transplants	Aggregated adjuvant data	0.08	1	44,550.00	S
N-Grnhs Transplants	Azoxystrobin	1.72	8	198,983.00	S
N-Grnhs Transplants	Bifenazate	0.25	1	10,368.00	S
N-Grnhs Transplants	Boscalid	0.89	7	262,818.00	S
N-Grnhs Transplants	Cuprous oxide	7.51	9	335,034.00	S
N-Grnhs Transplants	Fenhexamid	4.42	10	385,118.00	S
N-Grnhs Transplants	Fluopyram	0.05	1	44,550.00	S
N-Grnhs Transplants	Hydrogen peroxide	0.07	2	420.00	S
N-Grnhs Transplants	Hydrogen peroxide	3.04	16	144.00	U
N-Grnhs Transplants	Imidacloprid	1.75	4	158,635.00	S
N-Grnhs Transplants	Iron phosphate	0.04	2	1.00	A
N-Grnhs Transplants	Iron phosphate	0.39	2	90,720.00	S
N-Grnhs Transplants	Methoxyfenozide	0.64	3	134,720.00	S
N-Grnhs Transplants	Peroxyacetic acid	< 0.01	2	420.00	S
N-Grnhs Transplants	Peroxyacetic acid	0.22	16	144.00	U
N-Grnhs Transplants	Potassium bicarbonate	8.07	3	133,785.00	S
N-Grnhs Transplants	Potassium phosphite	6.55	5	202,338.00	S
N-Grnhs Transplants	Pyraclostrobin	1.05	7	262,818.00	S
N-Grnhs Transplants	Reynoutria sachalinensis (giant knotweed) plant extract	0.03	1	100.00	S
N-Grnhs Transplants	Reynoutria sachalinensis (giant knotweed) plant extract	0.03	2	20.00	U
N-Grnhs Transplants	Spinosad	0.17	5	206,290.00	S
N-Grnhs Transplants	Spirotetramat	0.24	4	129,630.00	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-Grnhs Transplants	Tebuconazole	0.05	1	44,550.00	S
N-Grnhs Transplants	Tetraconazole	0.10	3	128,466.00	S
N-Outdr Flower	Acephate	1.94	1	1.00	A
N-Outdr Flower	Acetamiprid	0.60	2	2.00	A
N-Outdr Flower	Aggregated adjuvant data	1.78	3	3.00	A
N-Outdr Flower	Azadirachtin	0.07	37	20,800.00	S
N-Outdr Flower	Bacillus velensis strain: qst 713	0.03	21	12,000.00	S
N-Outdr Flower	Bifenthrin	0.46	1	5.50	A
N-Outdr Flower	Buprofezin	0.70	1	1.00	A
N-Outdr Flower	Gliocladium virens strain: g-41	< 0.01	2	0.75	A
N-Outdr Flower	Glyphosate, potassium salt	8.28	1	3.00	A
N-Outdr Flower	Imidacloprid	0.14	4	0.75	A
N-Outdr Flower	Malathion	0.15	3	0.55	A
N-Outdr Flower	Reynoutria sachalinensis (giant knotweed) plant extract	0.10	17	8,812.00	S
N-Outdr Flower	Spirotetramat	0.05	3	0.47	A
N-Outdr Flower	Thiophanate-methyl	3.93	1	5.50	A
N-Outdr Flower	Trichoderma harzianum rifai strain krl-ag2	< 0.01	2	0.75	A
N-Outdr Plants In Containers	Abamectin	0.02	4	2.50	A
N-Outdr Plants In Containers	Abamectin	< 0.01	2	9,750.00	S
N-Outdr Plants In Containers	Acetamiprid	0.50	10	10.25	A
N-Outdr Plants In Containers	Aggregated adjuvant data	15.55	45	35.82	A
N-Outdr Plants In Containers	Azadirachtin	0.64	46	222.13	A
N-Outdr Plants In Containers	Azadirachtin	< 0.01	1	4,392.00	S
N-Outdr Plants In Containers	Azoxystrobin	1.51	25	24,350.00	S
N-Outdr Plants In Containers	Azoxystrobin	0.08	2	6,899.00	U
N-Outdr Plants In Containers	Bacillus thuringiensis (berliner), subsp. kurstaki, serotype 3a,3b	0.01	1	1,720.00	S
N-Outdr Plants In Containers	Bacillus thuringiensis subsp. kurstaki strain: abts-351	14.58	28	140.00	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-Outdr Plants In Containers	Bacillus velensis strain: qst 713	0.09	2	13,524.00	S
N-Outdr Plants In Containers	Beauveria bassiana strain: gha	1.99	28	140.00	A
N-Outdr Plants In Containers	Beauveria bassiana strain: ppri 5339	0.21	13	65.00	A
N-Outdr Plants In Containers	Beta-cyfluthrin	0.09	2	2.25	A
N-Outdr Plants In Containers	Bifenthrin	0.32	6	8.00	A
N-Outdr Plants In Containers	Boscalid	< 0.01	1	5.00	A
N-Outdr Plants In Containers	Boscalid	2.35	22	82,665.00	U
N-Outdr Plants In Containers	Copper diammonium diacetate complex	0.49	2	1.00	A
N-Outdr Plants In Containers	Copper hydroxide	0.21	2	1.00	A
N-Outdr Plants In Containers	Copper octanoate	14.89	2	15.00	A
N-Outdr Plants In Containers	Copper oxychloride	0.24	2	1.00	A
N-Outdr Plants In Containers	Copper sulfate (pentahydrate)	0.57	2	96,560.00	S
N-Outdr Plants In Containers	Cyantraniliprole	2.37	13	693,225.00	U
N-Outdr Plants In Containers	Cyazofamid	0.11	7	28,280.00	U
N-Outdr Plants In Containers	Cyfluthrin	1.09	27	135.00	A
N-Outdr Plants In Containers	Dinotefuran	1.46	8	14.60	A
N-Outdr Plants In Containers	Dithiopyr	0.42	3	81,810.00	S
N-Outdr Plants In Containers	Fenamidone	1.03	1	1,100.00	U
N-Outdr Plants In Containers	Fenpropathrin	0.39	2	0.50	A
N-Outdr Plants In Containers	Ferric sodium edta	0.20	1	23,000.00	S
N-Outdr Plants In Containers	Flumioxazin	0.19	3	0.55	A
N-Outdr Plants In Containers	Fluopicolide	0.31	1	1,962.00	U
N-Outdr Plants In Containers	Flupyradifurone	4.65	4	26.00	A
N-Outdr Plants In Containers	Flupyradifurone	0.30	2	36,940.00	S
N-Outdr Plants In Containers	Flupyradifurone	0.04	1	700.00	U
N-Outdr Plants In Containers	Fluxapyroxad	0.16	2	1.50	A
N-Outdr Plants In Containers	Fosetyl-al	9.93	5	72,651.00	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-Outdr Plants In Containers	Glufosinate-ammonium	5.92	4	13.00	A
N-Outdr Plants In Containers	Glyphosate, isopropylamine salt	83.29	17	8.02	A
N-Outdr Plants In Containers	Glyphosate, potassium salt	35.49	18	64.00	A
N-Outdr Plants In Containers	Glyphosate, potassium salt	22.97	21	354,975.00	S
N-Outdr Plants In Containers	Imidacloprid	3.37	11	21.81	A
N-Outdr Plants In Containers	Imidacloprid	0.38	34	44,100.00	S
N-Outdr Plants In Containers	Imidacloprid	< 0.01	1	1,750.00	U
N-Outdr Plants In Containers	Indaziflam	0.93	1	16.00	A
N-Outdr Plants In Containers	Iron phosphate	0.07	2	2.00	A
N-Outdr Plants In Containers	Isoxaben	0.09	1	0.11	A
N-Outdr Plants In Containers	Isoxaben	0.36	3	81,810.00	S
N-Outdr Plants In Containers	Lecithin	8.43	39	31.32	A
N-Outdr Plants In Containers	Malathion	0.24	1	4.00	A
N-Outdr Plants In Containers	Margosa oil	0.92	1	4,392.00	S
N-Outdr Plants In Containers	Mefenoxam	< 0.01	1	0.10	A
N-Outdr Plants In Containers	Mefenoxam	0.78	13	39,846.00	U
N-Outdr Plants In Containers	Metaldehyde	0.04	4	4,000.00	S
N-Outdr Plants In Containers	Mineral oil	179.50	5	20.50	A
N-Outdr Plants In Containers	Mineral oil	10.80	5	24,824.00	S
N-Outdr Plants In Containers	Myclobutanil	1.68	16	27.50	A
N-Outdr Plants In Containers	Permethrin	4.91	6	28.00	A
N-Outdr Plants In Containers	Potassium bicarbonate	2.92	1	15,125.00	S
N-Outdr Plants In Containers	Potassium laurate	3.90	1	6,000.00	S
N-Outdr Plants In Containers	Potassium phosphite	27.12	3	14.00	A
N-Outdr Plants In Containers	Propiconazole	0.04	2	0.50	A
N-Outdr Plants In Containers	Pymetrozine	2.64	27	135.00	A
N-Outdr Plants In Containers	Pyraclostrobin	0.18	3	6.50	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-Outdr Plants In Containers	Pyraclostrobin	4.95	26	459,455.00	U
N-Outdr Plants In Containers	Pyrethrins	0.51	18	86.00	A
N-Outdr Plants In Containers	Pyrethrins	0.05	4	17,642.50	S
N-Outdr Plants In Containers	Pyriproxyfen	0.09	7	35.00	A
N-Outdr Plants In Containers	Spinosad	1.42	45	220.30	A
N-Outdr Plants In Containers	Spinosad	0.29	5	90,347.50	S
N-Outdr Plants In Containers	Spirotetramat	0.07	4	2.10	A
N-Outdr Plants In Containers	Spirotetramat	0.83	11	24,200.00	U
N-Outdr Plants In Containers	Terrazole	0.10	1	2,097.00	S
N-Outdr Plants In Containers	Thiamethoxam	0.03	1	0.25	A
N-Outdr Plants In Containers	Thiophanate-methyl	0.17	1	4.00	A
N-Outdr Plants In Containers	Thiophanate-methyl	0.42	4	6,450.00	S
N-Outdr Plants In Containers	Thiophanate-methyl	0.45	3	3,650.00	U
N-Outdr Plants In Containers	Tolfenpyrad	< 0.01	1	0.10	A
N-Outdr Plants In Containers	Trifluralin	0.34	1	0.11	A
N-Outdr Transplants	Cuprous oxide	3.57	4	124,281.00	S
N-Outdr Transplants	Fenhexamid	0.84	2	61,776.00	S
N-Outdr Transplants	Hexythiazox	0.06	1	20,000.00	S
N-Outdr Transplants	Methoxyfenozide	0.36	2	62,505.00	S
N-Outdr Transplants	Tetraconazole	0.03	1	48,384.00	S
Nectarine	Cuprous oxide	0.85	2	0.40	A
Nuts	Aggregated adjuvant data	3.60	1	8.00	A
Nuts	Glufosinate-ammonium	2.59	1	8.00	A
Oat	2,4-d, dimethylamine salt	84.40	1	100.00	A
Oat	Aggregated adjuvant data	180.22	14	1,878.00	A
Oat	Bromoxynil heptanoate	228.83	3	665.00	A
Oat	Bromoxynil octanoate	237.31	3	665.00	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Oat	Carfentrazone-ethyl	3.50	1	140.00	A
Oat	Glyphosate, isopropylamine salt	711.24	5	774.00	A
Oat	Tribenuron-methyl	1.03	2	165.00	A
Oat (Forage - Fodder)	2,4-d, dimethylamine salt	2.39	1	9.00	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	17.28	13	41.47	A
Olive	Aggregated adjuvant data	2.91	5	3,790.00	U
Olive	Ammonium nitrate	1.81	2	8.56	A
Olive	Ammonium nitrate	0.09	2	490.00	U
Olive	Bacillus altitudinis strain: qst 2808	0.86	1	0.10	A
Olive	Bacillus altitudinis strain: qst 2808	< 0.01	1	1,100.00	U
Olive	Cerevisane (cell walls of saccharomyces cerevisiae strain las117)	1.30	1	0.10	A
Olive	Cerevisane (cell walls of saccharomyces cerevisiae strain las117)	< 0.01	1	1,100.00	U
Olive	Copper hydroxide	18.81	3	17.90	A
Olive	Copper oxychloride	20.85	3	17.90	A
Olive	Cuprous oxide	6.33	2	0.20	A
Olive	Flazasulfuron	0.28	1	7.11	A
Olive	Flumioxazin	3.19	2	8.56	A
Olive	Glufosinate-ammonium	9.82	2	8.56	A
Olive	Glyphosate, potassium salt	22.07	3	570.00	U
Olive	Hypocrea (teleomorph)	< 0.01	1	0.10	A
Olive	Hypocrea atroviridis	< 0.01	1	0.10	A
Olive	Kaolin	789.92	11	24.05	A
Olive	Kaolin	275.98	15	840.00	U

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Olive	Methylated soybean oil	2.92	2	8.56	A
Olive	Mineral oil	2.83	7	19.80	A
Olive	Mineral oil	0.02	2	2,200.00	U
Olive	Spinosad	0.13	71	141.70	A
Olive	Spinosad	0.04	49	5,078.00	U
Olive	Sulfur	72.15	5	0.50	A
Olive	Sulfur	0.53	3	3,300.00	U
Onion, Green	Clarified hydrophobic extract of neem oil	0.15	1	0.01	A
Onion, Green	Clarified hydrophobic extract of neem oil	0.15	1	600.00	S
Parsley	Azadirachtin	0.02	20	4,801.00	S
Parsley	Bacillus velensis strain: qst 713	< 0.01	12	2,800.00	S
Parsley	Reynoutria sachalinensis (giant knotweed) plant extract	0.02	8	2,001.00	S
Pastureland	2,4-d, dimethylamine salt	27.51	3	65.00	A
Pastureland	Aggregated adjuvant data	20.72	8	170.00	A
Pastureland	Bromoxynil heptanoate	5.16	1	20.00	A
Pastureland	Bromoxynil octanoate	5.35	1	20.00	A
Pastureland	Glyphosate, isopropylamine salt	2.70	2	21.16	A
Pastureland	Triclopyr, butoxyethyl ester	4.63	4	21.16	A
Peach	Aggregated adjuvant data	1.62	6	6.00	A
Peach	Bacillus altitudinis strain: qst 2808	0.06	1	1.00	A
Peach	Bacillus velensis strain: qst 713	3.41	10	10.00	A
Peach	Boscalid	0.16	2	2.00	A
Peach	Copper hydroxide	6.23	4	4.00	A
Peach	Copper oxychloride	6.91	4	4.00	A
Peach	Cuprous oxide	112.19	8	19.00	A
Peach	Iprodione	0.37	2	2.00	A
Peach	Lime-sulfur	0.31	1	0.01	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Peach	Mineral oil	29.01	5	4.25	A
Peach	Myclobutanil	0.50	3	3.00	A
Peach	Phosmet	0.70	1	1.00	A
Peach	Pyraclostrobin	0.08	2	2.00	A
Peach	Tebuconazole	0.17	3	3.00	A
Peach	Thiophanate-methyl	1.05	1	1.00	A
Peach	Ulocladium oudemansii (u3 strain)	18.00	3	15.00	A
Peach	Ziram	9.50	4	3.25	A
Pear	(e,e)-8,10-dodecadien-1-ol	0.35	1	9.00	A
Pear	Aggregated adjuvant data	1.14	4	4.00	A
Pear	Bacillus altitudinis strain: qst 2808	0.18	3	3.00	A
Pear	Bacillus thuringiensis subsp. kurstaki strain: abts-351	0.12	1	0.50	A
Pear	Bacillus velensis strain: qst 713	0.48	5	5.00	A
Pear	Clarified hydrophobic extract of neem oil	0.02	1	0.10	A
Pear	Copper hydroxide	< 0.01	1	0.10	A
Pear	Copper oxychloride	< 0.01	1	0.10	A
Pear	Cuprous oxide	0.84	1	0.50	A
Pear	Lauryl alcohol	0.20	1	9.00	A
Pear	Lime-sulfur	0.35	2	8.00	U
Pear	Mineral oil	21.59	5	3.20	A
Pear	Mineral oil	0.48	2	8.00	U
Pear	Myristyl alcohol	0.04	1	9.00	A
Pear	Petroleum oil, sulfurized	7.29	1	0.50	A
Pear	Phosmet	1.40	2	2.00	A
Pear	Potassium phosphite	6.41	2	2.00	A
Pear	Streptomycin sulfate	0.56	5	5.00	A
Pear	Sulfur	0.02	2	0.20	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pepper, Fruiting	Azadirachtin	< 0.01	3	2,000.00	S
Pepper, Fruiting	Bacillus velensis strain: qst 713	< 0.01	2	1,400.00	S
Pepper, Fruiting	Reynoutria sachalinensis (giant knotweed) plant extract	0.01	2	612.00	S
Prune	Cuprous oxide	0.59	2	0.02	A
Public Health	Bacillus sphaericus 2362 serotype h5a5b strain: abts 1743	916.53	0	0.00	N/A
Public Health	Bacillus thuringiensis subsp. israelensis strain: am 65-52	808.04	0	0.00	N/A
Public Health	D-trans allethrin	< 0.01	0	0.00	N/A
Public Health	Etofenprox	20.89	0	0.00	N/A
Public Health	Mineral oil	561.04	0	0.00	N/A
Public Health	Phenothrin	< 0.01	0	0.00	N/A
Public Health	Piperonyl butoxide	126.96	0	0.00	N/A
Public Health	Piperonyl butoxide, other related	29.55	0	0.00	N/A
Public Health	Poe isooctadecanol	5.57	0	0.00	N/A
Public Health	Pyrethrins	31.40	0	0.00	N/A
Public Health	S-methoprene	258.27	0	0.00	N/A
Public Health	Silica gel	35.04	0	0.00	N/A
Public Health	Spinosad	26.19	0	0.00	N/A
Public Health	Sulfur dioxide	1.99	0	0.00	N/A
Rangeland	Aggregated adjuvant data	21.63	5	680.00	A
Rangeland	Clopyralid, monoethanolamine salt	10.73	4	40.03	A
Rangeland	Copper hydroxide	< 0.01	1	200.00	A
Rangeland	Copper oxychloride	< 0.01	1	200.00	A
Rangeland	Glyphosate, potassium salt	32.07	6	408.00	A
Rangeland	Triclopyr, butoxyethyl ester	8.51	7	135.00	A
Regulatory Pest Control	Beta-cyfluthrin	< 0.01	0	0.00	N/A
Regulatory Pest Control	Imidacloprid	0.13	0	0.00	N/A
Rights Of Way	Aggregated adjuvant data	34.77	2	40.00	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights Of Way	Aggregated adjuvant data	224.78	0	0.00	N/A
Rights Of Way	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	2.22	2	40.00	A
Rights Of Way	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	147.93	0	0.00	N/A
Rights Of Way	Alpha-undecyl-omega-hydroxypoly(oxyethylene)	511.09	0	0.00	N/A
Rights Of Way	Aminocyclopyrachlor, potassium salt	35.15	0	0.00	N/A
Rights Of Way	Aminopyralid, triisopropanolamine salt	129.26	0	0.00	N/A
Rights Of Way	Ammonium nonanoate	26.71	0	0.00	N/A
Rights Of Way	Capric acid	143.96	0	0.00	N/A
Rights Of Way	Caprylic acid	211.44	0	0.00	N/A
Rights Of Way	Chlorsulfuron	9.35	0	0.00	N/A
Rights Of Way	Citric acid	1.17	0	0.00	N/A
Rights Of Way	Clopyralid, monoethanolamine salt	4.48	0	0.00	N/A
Rights Of Way	Copper carbonate, basic	226.84	0	0.00	N/A
Rights Of Way	Copper ethanolamine complexes, mixed	3.12	0	0.00	N/A
Rights Of Way	Copper hydroxide	117.69	0	0.00	N/A
Rights Of Way	Dimethylpolysiloxane	0.46	0	0.00	N/A
Rights Of Way	Diquat dibromide	20.81	0	0.00	N/A
Rights Of Way	Disodium octaborate anhydrous	236.83	0	0.00	N/A
Rights Of Way	Disodium octaborate tetrahydrate	2.67	0	0.00	N/A
Rights Of Way	Dithiopyr	270.56	0	0.00	N/A
Rights Of Way	Diuron	0.39	0	0.00	N/A
Rights Of Way	Flumioxazin	7.47	2	40.00	A
Rights Of Way	Flumioxazin	28.91	0	0.00	N/A
Rights Of Way	Glufosinate-ammonium	41.07	2	40.00	A
Rights Of Way	Glufosinate-ammonium	81.36	0	0.00	N/A
Rights Of Way	Glyphosate, dimethylamine salt	10.24	0	0.00	N/A
Rights Of Way	Glyphosate, isopropylamine salt	5,054.65	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights Of Way	Glyphosate, potassium salt	331.00	0	0.00	N/A
Rights Of Way	Imazapyr, isopropylamine salt	44.57	0	0.00	N/A
Rights Of Way	Indaziflam	60.16	0	0.00	N/A
Rights Of Way	Isoxaben	461.52	0	0.00	N/A
Rights Of Way	Lecithin	943.22	0	0.00	N/A
Rights Of Way	Metam-sodium	1,787.05	0	0.00	N/A
Rights Of Way	Methylated soybean oil	625.19	0	0.00	N/A
Rights Of Way	Mineral oil	32.52	0	0.00	N/A
Rights Of Way	Oleic acid, ethyl ester	189.03	0	0.00	N/A
Rights Of Way	Oleic acid, methyl ester	4.01	0	0.00	N/A
Rights Of Way	Oxyfluorfen	0.61	0	0.00	N/A
Rights Of Way	Penoxsulam	0.01	0	0.00	N/A
Rights Of Way	Polyoxyethylene sorbitan monooleate	9.89	0	0.00	N/A
Rights Of Way	Prodiamine	0.45	0	0.00	N/A
Rights Of Way	Rimsulfuron	18.44	0	0.00	N/A
Rights Of Way	Sodium tetraborate decahydrate	7,381.52	0	0.00	N/A
Rights Of Way	Sulfentrazone	0.09	0	0.00	N/A
Rights Of Way	Sulfometuron-methyl	0.81	0	0.00	N/A
Rights Of Way	Tall oil fatty acids	33.47	0	0.00	N/A
Rights Of Way	Tebuthiuron	0.13	0	0.00	N/A
Rights Of Way	Triclopyr choline	1,596.05	0	0.00	N/A
Rights Of Way	Triclopyr, butoxyethyl ester	54.91	0	0.00	N/A
Rights Of Way	Triclopyr, triethylamine salt	4.33	0	0.00	N/A
Ryegrass	2,4-d, dimethylamine salt	45.20	2	40.00	A
Ryegrass	Aggregated adjuvant data	8.33	2	40.00	A
Ryegrass	Bromoxynil heptanoate	3.44	1	10.00	A
Ryegrass	Bromoxynil octanoate	3.57	1	10.00	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Small Fruits/Berry	Cuprous oxide	0.56	1	0.01	A
Soil Fumigation/Preplant	1,3-dichloropropene	1,022.42	1	3.10	A
Squash	Azadirachtin	< 0.01	4	800.00	S
Squash	Bacillus velensis strain: qst 713	< 0.01	2	400.00	S
Squash	Reynoutria sachalinensis (giant knotweed) plant extract	< 0.01	2	400.00	S
Stone Fruit	Aggregated adjuvant data	0.95	1	1.00	A
Stone Fruit	Clarified hydrophobic extract of neem oil	0.04	1	0.25	A
Stone Fruit	Copper hydroxide	0.01	2	0.35	A
Stone Fruit	Copper oxychloride	0.01	2	0.35	A
Stone Fruit	Cuprous oxide	0.34	1	0.01	A
Stone Fruit	Fluopyram	0.12	1	1.00	A
Stone Fruit	Lime-sulfur	1.56	2	36.00	U
Stone Fruit	Methoxyfenozide	0.14	1	1.00	A
Stone Fruit	Mineral oil	0.77	3	0.60	A
Stone Fruit	Mineral oil	1.45	2	36.00	U
Stone Fruit	Sulfur	0.05	2	0.50	A
Stone Fruit	Trifloxystrobin	0.12	1	1.00	A
Strawberry	Bifenazate	0.50	1	5.00	A
Strawberry	Glyphosate, isopropylamine salt	10.25	1	3.00	A
Structural Pest Control	2,4-d, dimethylamine salt	0.43	0	0.00	N/A
Structural Pest Control	2-methyl-1-butanol	0.02	0	0.00	N/A
Structural Pest Control	4-aminopyridine	0.02	0	0.00	N/A
Structural Pest Control	Abamectin	0.55	0	0.00	N/A
Structural Pest Control	Abamectin, other related	< 0.01	0	0.00	N/A
Structural Pest Control	Acephate	5.36	0	0.00	N/A
Structural Pest Control	Acetamiprid	0.07	0	0.00	N/A
Structural Pest Control	Acetic acid	0.06	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural Pest Control	Aggregated adjuvant data	2.90	0	0.00	N/A
Structural Pest Control	Alkyl (68% ^c 12, 32% ^c 14) dimethylethylbenzyl ammonium chloride	< 0.01	0	0.00	N/A
Structural Pest Control	Alkyl* dimethyl benzyl ammonium chloride *(50% ^c 14, 40% ^c 12, 10% ^c 16)	0.40	0	0.00	N/A
Structural Pest Control	Alkyl* dimethyl benzyl ammonium chloride *(60% ^c 14, 30% ^c 16, 5% ^c 18, 5% ^c 12)	< 0.01	0	0.00	N/A
Structural Pest Control	Alpha-cypermethrin	108.99	0	0.00	N/A
Structural Pest Control	Bacillus thuringiensis subsp. kurstaki strain: abts-351	9.72	0	0.00	N/A
Structural Pest Control	Beauveria bassiana strain: gha	1.22	0	0.00	N/A
Structural Pest Control	Beta-cyfluthrin	106.45	0	0.00	N/A
Structural Pest Control	Bifenthrin	3,000.24	0	0.00	N/A
Structural Pest Control	Boric acid	1,463.02	0	0.00	N/A
Structural Pest Control	Brodifacoum	0.02	0	0.00	N/A
Structural Pest Control	Bromadiolone	0.03	0	0.00	N/A
Structural Pest Control	Bromethalin	0.29	0	0.00	N/A
Structural Pest Control	Capric acid	32.39	0	0.00	N/A
Structural Pest Control	Caprylic acid	47.57	0	0.00	N/A
Structural Pest Control	Carbon dioxide	84.10	0	0.00	N/A
Structural Pest Control	Chlorantraniliprole	22.23	0	0.00	N/A
Structural Pest Control	Chlorfenapyr	600.71	0	0.00	N/A
Structural Pest Control	Chlorine dioxide	< 0.01	0	0.00	N/A
Structural Pest Control	Chlorophacinone	0.01	0	0.00	N/A
Structural Pest Control	Chloropicrin	7.43	0	0.00	N/A
Structural Pest Control	Cholecalciferol	4.11	0	0.00	N/A
Structural Pest Control	Clothianidin	1.33	0	0.00	N/A
Structural Pest Control	Copper hydroxide	1.96	0	0.00	N/A
Structural Pest Control	Copper naphthenate	0.59	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural Pest Control	Copper oxychloride	0.96	0	0.00	N/A
Structural Pest Control	Cyfluthrin	4.35	0	0.00	N/A
Structural Pest Control	Cypermethrin	2.52	0	0.00	N/A
Structural Pest Control	D-trans allethrin	< 0.01	0	0.00	N/A
Structural Pest Control	Ddvp	< 0.01	0	0.00	N/A
Structural Pest Control	Ddvp, other related	< 0.01	0	0.00	N/A
Structural Pest Control	Deltamethrin	4,408.38	0	0.00	N/A
Structural Pest Control	Diatomaceous earth	12.00	0	0.00	N/A
Structural Pest Control	Diazinon	0.72	0	0.00	N/A
Structural Pest Control	Didecyl dimethyl ammonium chloride	0.03	0	0.00	N/A
Structural Pest Control	Difethialone	< 0.01	0	0.00	N/A
Structural Pest Control	Dinotefuran	608.38	0	0.00	N/A
Structural Pest Control	Dioctyl dimethyl ammonium chloride	< 0.01	0	0.00	N/A
Structural Pest Control	Diphacinone	0.70	0	0.00	N/A
Structural Pest Control	Diphacinone, sodium salt	< 0.01	0	0.00	N/A
Structural Pest Control	Disodium octaborate tetrahydrate	2,864.17	0	0.00	N/A
Structural Pest Control	Dithiopyr	2.94	0	0.00	N/A
Structural Pest Control	Emamectin benzoate	< 0.01	0	0.00	N/A
Structural Pest Control	Esfenvalerate	272.27	0	0.00	N/A
Structural Pest Control	Etofenprox	0.97	0	0.00	N/A
Structural Pest Control	Fipronil	1,011.69	0	0.00	N/A
Structural Pest Control	Gamma-cyhalothrin	0.88	0	0.00	N/A
Structural Pest Control	Glyphosate, isopropylamine salt	2.91	0	0.00	N/A
Structural Pest Control	Glyphosate, potassium salt	7.70	0	0.00	N/A
Structural Pest Control	Heptyl butyrate	0.04	0	0.00	N/A
Structural Pest Control	Hexaflumuron	0.02	0	0.00	N/A
Structural Pest Control	Hydramethylnon	1.19	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural Pest Control	Hydroprene	28.08	0	0.00	N/A
Structural Pest Control	Imidacloprid	360.28	0	0.00	N/A
Structural Pest Control	Indoxacarb	1.60	0	0.00	N/A
Structural Pest Control	Iodine	0.40	0	0.00	N/A
Structural Pest Control	Iron phosphate	0.20	0	0.00	N/A
Structural Pest Control	Isopropyl alcohol	10.46	0	0.00	N/A
Structural Pest Control	Isoxaben	1.03	0	0.00	N/A
Structural Pest Control	Lambda-cyhalothrin	143.87	0	0.00	N/A
Structural Pest Control	Limonene	59.57	0	0.00	N/A
Structural Pest Control	Mefenoxam	0.38	0	0.00	N/A
Structural Pest Control	Methoprene	< 0.01	0	0.00	N/A
Structural Pest Control	Methyl anthranilate	15.66	0	0.00	N/A
Structural Pest Control	Metofluthrin	0.01	0	0.00	N/A
Structural Pest Control	Mineral oil	2.20	0	0.00	N/A
Structural Pest Control	Muscalure	0.04	0	0.00	N/A
Structural Pest Control	N-octyl bicycloheptene dicarboximide	7.77	0	0.00	N/A
Structural Pest Control	Novaluron	2.56	0	0.00	N/A
Structural Pest Control	Noviflumuron	0.06	0	0.00	N/A
Structural Pest Control	Octyl decyl dimethyl ammonium chloride	0.01	0	0.00	N/A
Structural Pest Control	Oryzalin	0.39	0	0.00	N/A
Structural Pest Control	Permethrin	422.58	0	0.00	N/A
Structural Pest Control	Phenothrin	0.22	0	0.00	N/A
Structural Pest Control	Phenylethyl propionate	0.07	0	0.00	N/A
Structural Pest Control	Piperonyl butoxide	439.05	0	0.00	N/A
Structural Pest Control	Piperonyl butoxide, other related	1.90	0	0.00	N/A
Structural Pest Control	Potassium phosphite	28.43	0	0.00	N/A
Structural Pest Control	Prallethrin	72.17	0	0.00	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural Pest Control	Propiconazole	0.30	0	0.00	N/A
Structural Pest Control	Propoxur	0.04	0	0.00	N/A
Structural Pest Control	Pyrethrins	10.22	0	0.00	N/A
Structural Pest Control	Pyriproxyfen	27.37	0	0.00	N/A
Structural Pest Control	Ronnel	< 0.01	0	0.00	N/A
Structural Pest Control	S-bioallethrin	< 0.01	0	0.00	N/A
Structural Pest Control	S-methoprene	0.07	0	0.00	N/A
Structural Pest Control	Silica gel	32.64	0	0.00	N/A
Structural Pest Control	Sodium chlorite	1.25	0	0.00	N/A
Structural Pest Control	Sodium dichloro-s-triazinetriene dihydrate	0.50	0	0.00	N/A
Structural Pest Control	Sodium tetraborate decahydrate	12.58	0	0.00	N/A
Structural Pest Control	Sulfuryl fluoride	29,412.06	0	0.00	N/A
Structural Pest Control	Tetramethrin	0.11	0	0.00	N/A
Structural Pest Control	Thiamethoxam	0.03	0	0.00	N/A
Structural Pest Control	Thiophanate-methyl	0.09	0	0.00	N/A
Structural Pest Control	Thyme oil	< 0.01	0	0.00	N/A
Structural Pest Control	Z,e-9,12-tetradecadien-1-yl acetate	0.07	0	0.00	N/A
Structural Pest Control	Zeta-cypermethrin	0.03	0	0.00	N/A
Structural Pest Control	Zinc phosphide	1.18	0	0.00	N/A
Tomato	Reynoutria sachalinensis (giant knotweed) plant extract	< 0.01	1	8.00	S
Uncultivated Ag	2,4-d, dimethylamine salt	668.79	4	750.00	A
Uncultivated Ag	Aggregated adjuvant data	26.55	15	1,361.33	A
Uncultivated Ag	Alkyl (c8,c10) polyglucoside	3.82	4	50.08	A
Uncultivated Ag	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	53.95	5	507.37	A
Uncultivated Ag	Ammonium nitrate	14.09	7	213.96	A
Uncultivated Ag	Ammonium sulfate	101.38	5	227.14	A
Uncultivated Ag	Clopyralid, monoethanolamine salt	0.12	1	5.00	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Uncultivated Ag	Dimethylpolysiloxane	0.11	4	569.47	A
Uncultivated Ag	Flumioxazin	21.77	0	58.10	A
Uncultivated Ag	Glufosinate-ammonium	4.90	4	4.04	A
Uncultivated Ag	Glyphosate, isopropylamine salt	20.96	5	25.37	A
Uncultivated Ag	Glyphosate, potassium salt	746.78	4	655.10	A
Uncultivated Ag	Indaziflam	0.18	3	3.96	A
Uncultivated Ag	Methylated soybean oil	152.35	7	692.00	A
Uncultivated Ag	Oxyfluorfen	6.43	5	6.96	A
Uncultivated Ag	Sethoxydim	0.49	2	3.00	A
Uncultivated Ag	Simazine	6.01	1	2.00	A
Uncultivated Ag	Triclopyr choline	26.16	2	40.00	A
Uncultivated Non-Ag	Aggregated adjuvant data	2.66	3	10.00	A
Uncultivated Non-Ag	Aminocyclopyrachlor, potassium salt	0.70	0	4.00	A
Uncultivated Non-Ag	Ammonium nitrate	1.08	2	2.50	A
Uncultivated Non-Ag	Chlorsulfuron	0.33	0	5.00	A
Uncultivated Non-Ag	Flumioxazin	0.64	1	2.50	A
Uncultivated Non-Ag	Glufosinate-ammonium	2.20	1	1.50	A
Uncultivated Non-Ag	Glyphosate, isopropylamine salt	0.68	0	0.00	A
Uncultivated Non-Ag	Glyphosate, potassium salt	3.45	1	1.00	A
Uncultivated Non-Ag	Indaziflam	0.05	0	0.00	A
Uncultivated Non-Ag	Methylated soybean oil	1.74	2	9.00	A
Uncultivated Non-Ag	Triclopyr choline	6.28	0	4.00	A
Undeclared Commodity	Aggregated adjuvant data	0.12	1	0.17	A
Undeclared Commodity	Glufosinate-ammonium	0.24	1	0.17	A
Undeclared Commodity	Indaziflam	< 0.01	1	0.17	A
Undeclared Commodity	Oxyfluorfen	0.08	1	0.17	A
Undeclared Commodity	Quillaja	0.33	1	0.26	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Undeclared Commodity	Sethoxydim	0.06	1	0.17	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	5.97	0	0.00	N/A
Walnut	Aggregated adjuvant data	0.01	1	0.10	A
Walnut	Glufosinate-ammonium	5.87	1	10.00	A
Walnut	Glyphosate, potassium salt	1.55	1	0.12	A
Walnut	Mineral oil	0.17	1	0.10	A
Walnut	Sulfur	0.04	1	0.10	A
Water (Industrial)	2-methyl-4-isothiazolin-3-one	1.39	0	48.00	U
Water (Industrial)	5-chloro-2-methyl-4-isothiazolin-3-one	3.96	0	48.00	U
Water (Industrial)	Aggregated adjuvant data	41.66	0	112.50	A
Water (Industrial)	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	2.66	0	19.80	A
Water (Industrial)	Alpha-undecyl-omega-hydroxypoly(oxyethylene)	4.86	0	48.65	A
Water (Industrial)	Chlorine dioxide	0.75	0	2.00	U
Water (Industrial)	Copper ethanolamine complexes, mixed	319.24	0	138.70	A
Water (Industrial)	Copper ethanolamine complexes, mixed	24.87	0	133,680.56	C
Water (Industrial)	Copper sulfate (pentahydrate)	42.61	0	58.80	A
Water (Industrial)	Copper triethanolamine complex	136.09	0	38.45	A
Water (Industrial)	Diquat dibromide	529.54	0	102.30	A
Water (Industrial)	Endothall, dipotassium salt	90.96	0	22.45	A
Water (Industrial)	Flumioxazin	0.77	0	3.00	A
Water (Industrial)	Fluridone	3.00	0	5.45	A
Water (Industrial)	Fluridone	0.51	0	133,680.56	C
Water (Industrial)	Glutaraldehyde	562.60	0	101.00	U
Water (Industrial)	Glyphosate, isopropylamine salt	121.64	0	55.30	A
Water (Industrial)	Hydrogen peroxide	170.35	0	24.15	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Water (Industrial)	Imazamox, ammonium salt	0.53	0	0.50	A
Water (Industrial)	Methylated soybean oil	28.79	0	80.40	A
Water (Industrial)	Paclobutrazol	1.48	0	4.00	A
Water (Industrial)	Peroxyacetic acid	39.25	0	24.15	A
Water (Industrial)	Sodium bromide	263.89	0	7.00	U
Water (Industrial)	Sodium hypochlorite	219.88	0	9.00	U
Water (Industrial)	Sodium percarbonate	1,370.62	0	78.15	A
Water (Industrial)	Tall oil fatty acids	4.86	0	48.65	A
Water Area	Aggregated adjuvant data	55.11	54	50.20	A
Water Area	Butyl lactate	5.90	27	24.60	A
Water Area	Copper ethanolamine complexes, mixed	34.39	1	5.25	A
Water Area	Copper ethanolamine complexes, mixed	41.38	0	696,960.00	C
Water Area	Copper sulfate (pentahydrate)	152.21	5	9.20	A
Water Area	Diquat dibromide	187.71	28	25.18	A
Water Area	Flumioxazin	0.98	0	4.00	A
Water Area	Fluridone	0.31	0	153,330.97	C
Water Area	Fluridone	15.69	0	43,560.00	T
Water Area	Hydrogen peroxide	168.33	0	72.67	U
Water Area	Imazamox, ammonium salt	1.59	0	2.00	A
Water Area	Methylated soybean oil	5.04	27	23.60	A
Water Area	Peroxyacetic acid	114.77	0	72.67	U
Water Area	Triclopyr, triethylamine salt	0.17	0	1.00	A