

2021 Annual Statewide Pesticide Use Report Indexed by Commodity Sonoma County

Text files of data are available at <<https://files.cdpr.ca.gov/pub/outgoing/pur/data/>>. Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit, Apps = Number of agricultural applications, Area treated = cumulative area treated (For example, if a one-acre field was treated three times in a year, the cumulative acres treated would equal three acres), N/A = Not Available: many nonagricultural pesticide use reports are not legally required to report area treated or number of applications. N-outdoor = Outdoor nursery. N-grnhs = Greenhouse nursery. See Pesticide Use Annual Report Data Access, References, and Definitions Guide for more information.

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Animal premise	bromadiolone	0.01	33	1,256,749.0	S
Animal premise	difethialone	<0.01	N/A	583.0	S
Apple	acetamiprid	12.55	15	168.0	A
Apple	alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	0.09	3	8.6	A
Apple	alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	0.13	1	1.5	A
Apple	alpha-pinene beta-pinene copolymer	1.72	3	8.6	A
Apple	azadirachtin	0.19	3	4.5	A
Apple	bacillus thuringiensis (berliner)	0.01	8	0.8	A
Apple	bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	733.24	90	711.6	A
Apple	carbaryl	6.02	1	3.0	A
Apple	chlorantraniliprole	7.82	13	105.0	A
Apple	codling moth granulosis virus	<0.01	2	18.0	A
Apple	copper hydroxide	425.17	51	500.2	A
Apple	copper oxide (ous)	4.5	7	5.25	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Apple	copper oxychloride	432.95	50	490.2	A
Apple	diazinon	13.25	4	6.0	A
Apple	esfenvalerate	0.69	1	10.0	A
Apple	flumioxazin	0.75	1	10.0	A
Apple	flutriafol	6.99	6	86.0	A
Apple	glufosinate-ammonium	1.87	4	4.3	A
Apple	glyphosate, isopropylamine salt	7.99	1	10.0	A
Apple	glyphosate, potassium salt	1.38	1	10.0	A
Apple	hydrogen peroxide	3.58	7	5.25	A
Apple	kaolin	15,573.83	71	450.2	A
Apple	kresoxim-methyl	4.25	2	12.0	A
Apple	lime-sulfur	4,734.42	79	486.85	A
Apple	lime-sulfur	1.26	3	25.0	U
Apple	mancozeb	76.5	2	34.0	A
Apple	methoxyfenozide	3.39	1	10.0	A
Apple	mineral oil	18,004.11	84	557.6	A
Apple	mineral oil	1.36	3	25.0	U
Apple	myclobutanil	2.1	2	20.0	A
Apple	peroxyacetic acid	0.26	7	5.25	A
Apple	petroleum oil, unclassified	28.48	3	2.0	A
Apple	phosmet	9.8	4	6.6	A
Apple	potash soap	0.3	1	0.1	A
Apple	pyriproxyfen	1.09	1	10.0	A
Apple	qst 713 strain of dried bacillus subtilis	0.02	1	2.5	A
Apple	spinetoram	2.19	2	20.0	A
Apple	spinosad	114.85	50	319.9	A
Apple	sulfoxaflor	0.9	1	10.0	A
Apple	sulfur	4,400.74	103	590.2	A
Apple	thiophanate-methyl	57.4	6	60.0	A
Arugula	azadirachtin	0.01	10	3,600.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Arugula	bacillus pumilus, strain qst 2808	0.03	17	5,050.0	S
Arugula	chromobacterium subtsugae strain praa4-1	0.27	29	8,850.0	S
Arugula	clarified hydrophobic extract of neem oil	1.27	39	12,450.0	S
Arugula	qst 713 strain of dried bacillus subtilis	0.01	16	5,000.0	S
Arugula	reynoutria sachalinensis	0.03	6	2,400.0	S
Barley	magnesium phosphide	0.11	N/A	3,000.0	C
Basil, sweet	azadirachtin	<0.01	2	800.0	S
Basil, sweet	bacillus pumilus, strain qst 2808	0.01	6	2,400.0	S
Basil, sweet	chromobacterium subtsugae strain praa4-1	0.13	11	4,400.0	S
Basil, sweet	clarified hydrophobic extract of neem oil	0.53	13	5,200.0	S
Basil, sweet	qst 713 strain of dried bacillus subtilis	0.01	5	2,000.0	S
Basil, sweet	reynoutria sachalinensis	0.01	2	800.0	S
Beet	clarified hydrophobic extract of neem oil	0.15	1	0.01	A
Blueberry	clarified hydrophobic extract of neem oil	0.96	2	1.5	A
Blueberry	hydrogen peroxide	1.24	4	3.0	A
Blueberry	peroxyacetic acid	0.09	4	3.0	A
Blueberry	streptomyces lydicus wyec 108	<0.01	7	5.25	A
Broccoli	bacillus pumilus, strain qst 2808	<0.01	2	100.0	S
Broccoli	chromobacterium subtsugae strain praa4-1	<0.01	3	150.0	S
Broccoli	clarified hydrophobic extract of neem oil	0.02	3	150.0	S
Broccoli	qst 713 strain of dried bacillus subtilis	<0.01	1	50.0	S
Cabbage	clarified hydrophobic extract of neem oil	0.15	1	0.01	A
Cannabis (all or unspecified)	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	1.47	3	2.4	A
Cannabis (all or unspecified)	4-nonylphenol, formaldehyde resin, propoxylated	<0.01	2	1,280.0	S
Cannabis (all or unspecified)	alkyl (50%c14, 40%c12, 10%c16) dimethylbenzyl ammonium chloride	<0.01	1	32.0	S
Cannabis (all or unspecified)	alkyl (c9-c11) oligomeric d-glucopyranoside	<0.01	2	1,280.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Cannabis (all or unspecified)	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	<0.01	2	1,280.0	S
Cannabis (all or unspecified)	azadirachtin	0.87	43	38.35	A
Cannabis (all or unspecified)	azadirachtin	6.77	693	2,380,134.0	S
Cannabis (all or unspecified)	azadirachtin	0.05	55	33,943.0	U
Cannabis (all or unspecified)	bacillus amyloliquefaciens strain d747	56.39	8	6.4	A
Cannabis (all or unspecified)	bacillus amyloliquefaciens strain d747	385.92	275	1,544,881.0	S
Cannabis (all or unspecified)	bacillus thuringiensis (berliner)	0.14	2	2,200.0	S
Cannabis (all or unspecified)	bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	0.04	11	8,900.0	S
Cannabis (all or unspecified)	bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	0.07	3	6,000.0	U
Cannabis (all or unspecified)	bacillus thuringiensis (berliner), subsp. kurstaki, serotype 3a,3b	0.33	6	6.0	A
Cannabis (all or unspecified)	bacillus thuringiensis (berliner), subsp. kurstaki, strain sa-11	0.3	5	4.0	A
Cannabis (all or unspecified)	bacillus thuringiensis (berliner), subsp. kurstaki, strain sa-11	0.01	1	43,000.0	S
Cannabis (all or unspecified)	bacillus thuringiensis, subsp. aizawai, strain abts-1857	4.86	26	25.0	A
Cannabis (all or unspecified)	bacillus thuringiensis, subsp. aizawai, strain abts-1857	5.94	7	219,256.0	S
Cannabis (all or unspecified)	bacillus thuringiensis, subsp. israelensis, strain am 65-52	6.25	12	25,600.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Cannabis (all or unspecified)	bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	0.41	8	21,205.0	S
Cannabis (all or unspecified)	beauveria bassiana strain ant-03	0.2	1	1.0	A
Cannabis (all or unspecified)	beauveria bassiana strain gha	31.29	97	217,625.0	S
Cannabis (all or unspecified)	beauveria bassiana strain ppri 5339	0.28	18	19,267.0	S
Cannabis (all or unspecified)	burkholderia sp strain a396 cells and fermentation media	297.29	45	39.1	A
Cannabis (all or unspecified)	burkholderia sp strain a396 cells and fermentation media	1,300.9	718	2,105,407.0	S
Cannabis (all or unspecified)	canola oil	2.54	17	123,640.0	S
Cannabis (all or unspecified)	capsicum oleoresin	0.54	26	258,330.0	S
Cannabis (all or unspecified)	chromobacterium subtsugae strain praa4-1	27.11	19	16.6	A
Cannabis (all or unspecified)	chromobacterium subtsugae strain praa4-1	38.68	142	1,191,009.0	S
Cannabis (all or unspecified)	clarified hydrophobic extract of neem oil	143.43	397	372,018.0	S
Cannabis (all or unspecified)	didecyl dimethyl ammonium chloride	<0.01	1	32.0	S
Cannabis (all or unspecified)	garlic	1.67	26	258,330.0	S
Cannabis (all or unspecified)	hydrogen peroxide	4.07	12	22,305.0	S
Cannabis (all or unspecified)	iba	0.69	250	120,000.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Cannabis (all or unspecified)	imidacloprid	0.16	50	30,841.0	U
Cannabis (all or unspecified)	margosa oil	0.59	43	43,586.0	S
Cannabis (all or unspecified)	mineral oil	9.4	3	1.4	A
Cannabis (all or unspecified)	mineral oil	336.08	81	1,356,888.0	S
Cannabis (all or unspecified)	naa	0.34	247	118,560.0	S
Cannabis (all or unspecified)	paecilomyces fumosoroseus apopka strain 97	3.73	56	120,710.0	S
Cannabis (all or unspecified)	peroxyacetic acid	0.14	1	1,505.0	S
Cannabis (all or unspecified)	potash soap	72.02	435	465,674.0	S
Cannabis (all or unspecified)	potash soap	2.17	9	3,966.0	U
Cannabis (all or unspecified)	potassium bicarbonate	4.28	10	18,925.0	S
Cannabis (all or unspecified)	potassium phosphite	45.42	373	403,979.0	S
Cannabis (all or unspecified)	potassium silicate	8.3	128	135,330.0	S
Cannabis (all or unspecified)	pyrethrins	0.26	98	251,166.0	S
Cannabis (all or unspecified)	pyrethrins	0.2	61	36,129.0	U
Cannabis (all or unspecified)	qst 713 strain of dried bacillus subtilis	0.94	55	118,564.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Cannabis (all or unspecified)	reynoutria sachalinensis	6.27	24	22.0	A
Cannabis (all or unspecified)	reynoutria sachalinensis	34.41	1,070	2,580,265.0	S
Cannabis (all or unspecified)	saponin	1.5	14	9.0	A
Cannabis (all or unspecified)	saponin	0.03	7	29,000.0	S
Cannabis (all or unspecified)	sodium chlorite	0.16	4	5,506.0	S
Cannabis (all or unspecified)	soybean oil	1.48	9	134,690.0	S
Cannabis (all or unspecified)	spinosad	0.03	3	43,200.0	S
Cannabis (all or unspecified)	sulfur	14.44	202	256,031.0	S
Cannabis (all or unspecified)	sulfur	0.95	10	9,253.0	U
Cannabis (all or unspecified)	triethanolamine oleate	<0.01	2	1,280.0	S
Carrot	bacillus pumilus, strain qst 2808	<0.01	2	500.0	S
Carrot	chromobacterium subtsugae strain praa4-1	0.02	3	750.0	S
Carrot	clarified hydrophobic extract of neem oil	0.08	3	750.0	S
Carrot	qst 713 strain of dried bacillus subtilis	<0.01	1	250.0	S
Cauliflower	bacillus pumilus, strain qst 2808	0.01	6	1,200.0	S
Cauliflower	chromobacterium subtsugae strain praa4-1	0.07	11	2,200.0	S
Cauliflower	clarified hydrophobic extract of neem oil	0.22	11	2,200.0	S
Cauliflower	qst 713 strain of dried bacillus subtilis	<0.01	5	1,000.0	S
Cherry	bacillus thuringiensis (berliner)	<0.01	2	0.2	A
Cherry	copper hydroxide	0.02	2	0.2	A
Cherry	copper oxychloride	0.02	2	0.2	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Cherry	mineral oil	0.22	2	0.2	A
Chicory	azadirachtin	<0.01	3	600.0	S
Chicory	bacillus pumilus, strain qst 2808	0.01	6	2,050.0	S
Chicory	chromobacterium subtsugae strain praa4-1	0.11	11	3,650.0	S
Chicory	clarified hydrophobic extract of neem oil	0.49	16	4,700.0	S
Chicory	qst 713 strain of dried bacillus subtilis	0.01	7	1,950.0	S
Chicory	reynoutria sachalinensis	<0.01	2	400.0	S
Chinese amaranth (chinese spinach, tampala, yin choy)	azadirachtin	<0.01	4	800.0	S
Chinese amaranth (chinese spinach, tampala, yin choy)	bacillus pumilus, strain qst 2808	<0.01	3	300.0	S
Chinese amaranth (chinese spinach, tampala, yin choy)	chromobacterium subtsugae strain praa4-1	0.01	4	200.0	S
Chinese amaranth (chinese spinach, tampala, yin choy)	clarified hydrophobic extract of neem oil	0.1	8	1,000.0	S
Chinese amaranth (chinese spinach, tampala, yin choy)	qst 713 strain of dried bacillus subtilis	<0.01	4	500.0	S
Chinese amaranth (chinese spinach, tampala, yin choy)	reynoutria sachalinensis	<0.01	1	200.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Citrus	copper hydroxide	<0.01	1	0.1	A
Citrus	copper oxychloride	<0.01	1	0.1	A
Commodity fumigation	sulfur dioxide	270.94	N/A	N/A	N/A
Cucumber	bacillus pumilus, strain qst 2808	<0.01	2	500.0	S
Cucumber	chromobacterium subtsugae strain praa4-1	0.03	4	1,000.0	S
Cucumber	clarified hydrophobic extract of neem oil	0.1	4	1,000.0	S
Cucumber	qst 713 strain of dried bacillus subtilis	<0.01	2	500.0	S
Dandelion green	azadirachtin	<0.01	2	1,000.0	S
Dandelion green	bacillus pumilus, strain qst 2808	0.01	9	2,100.0	S
Dandelion green	chromobacterium subtsugae strain praa4-1	0.11	16	3,700.0	S
Dandelion green	clarified hydrophobic extract of neem oil	0.48	18	4,700.0	S
Dandelion green	qst 713 strain of dried bacillus subtilis	0.01	8	2,100.0	S
Dandelion green	reynoutria sachalinensis	0.01	1	500.0	S
Eggplant	bacillus pumilus, strain qst 2808	0.01	3	1,200.0	S
Eggplant	chromobacterium subtsugae strain praa4-1	0.1	5	2,000.0	S
Eggplant	clarified hydrophobic extract of neem oil	0.2	5	2,000.0	S
Eggplant	qst 713 strain of dried bacillus subtilis	<0.01	2	800.0	S
Farm/ag building	brodifacoum	<0.01	N/A	4,081.0	U
Farm/ag building	bromadiolone	<0.01	N/A	0.58	A
Farm/ag building	bromadiolone	0.01	N/A	8,745.0	U
Farm/ag building	difethialone	<0.01	N/A	0.58	A
Farm/ag building	difethialone	<0.01	N/A	8,162.0	U
Fava bean	bacillus pumilus, strain qst 2808	0.01	8	2,000.0	S
Fava bean	chromobacterium subtsugae strain praa4-1	0.11	14	3,500.0	S
Fava bean	clarified hydrophobic extract of neem oil	0.36	14	3,500.0	S
Fava bean	qst 713 strain of dried bacillus subtilis	<0.01	6	1,500.0	S
Forest, timberland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	37.59	8	422.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Forest, timberland	aminopyralid, triisopropanolamine salt	3.8	3	300.0	A
Forest, timberland	imazapyr, isopropylamine salt	95.45	7	160.0	A
Forest, timberland	methylated soybean oil	313.76	8	422.0	A
Forest, timberland	polyalkene oxide modified heptamethyl trisiloxane	0.66	3	300.0	A
Forest, timberland	triclopyr, triethylamine salt	85.04	1	119.0	A
Fumigation, other	mineral oil	3.53	1	1.0	A
Fumigation, other	petroleum oil, unclassified	3.53	1	1.0	A
Fumigation, other	quinoxifen	0.1	1	1.0	A
Fumigation, other	sulfur	1.8	2	2.0	A
Fumigation, other	sulfur dioxide	2.0	1	1.0	U
Fumigation, other	sulfur dioxide	13,031.06	N/A	N/A	N/A
Golf course turf	chlorothalonil	29.96	N/A	170,000.0	S
Golf course turf	clopyralid, monoethanolamine salt	0.05	N/A	70,000.0	S
Golf course turf	fludioxonil	0.12	N/A	35,000.0	S
Golf course turf	mineral oil	79.9	N/A	360,000.0	S
Golf course turf	propiconazole	0.47	N/A	35,000.0	S
Grape	alkyl (c8,c10) polyglucoside	0.13	2	1.1	A
Grape	ammonium nitrate	0.06	2	1.1	A
Grape	ammonium sulfate	8.41	5	21.82	A
Grape	benzoic acid	<0.01	1	0.02	A
Grape	carfentrazone-ethyl	<0.01	1	0.02	A
Grape	citric acid	1.11	3	20.72	A
Grape	dimethyl alkyl tertiary amines	<0.01	1	0.02	A
Grape	dimethylpolysiloxane	<0.01	2	1.1	A
Grape	fluopyram	2.16	1	19.62	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape	flutriafol	<0.01	1	0.05	A
Grape	glufosinate-ammonium	23.04	2	19.64	A
Grape	glycerol	7.2	4	40.34	A
Grape	glyphosate, potassium salt	3.75	2	1.1	A
Grape	imidacloprid	8.92	1	19.62	A
Grape	methylated soybean oil	<0.01	1	0.02	A
Grape	oxyfluorfen	0.56	2	1.1	A
Grape	phosphoric acid	1.88	3	20.72	A
Grape	polyacrylamide polymer	0.61	3	20.72	A
Grape	pyraflufen-ethyl	0.1	1	19.62	A
Grape	qst 713 strain of dried bacillus subtilis	0.3	1	1.0	A
Grape	sodium hydroxide	3.32	3	20.72	A
Grape	sorbitol	1.15	1	19.62	A
Grape	sulfur	1,004.54	7	137.34	A
Grape	tebuconazole	2.16	1	19.62	A
Grape	xanthan gum	1.15	1	19.62	A
Grape, wine	1,3-dichloropropene	35,685.84	4	108.2	A
Grape, wine	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	22,408.01	4,235	88,826.33	A
Grape, wine	2-ethylhexyl sulfate, sodium salt	3.95	1	9.0	A
Grape, wine	3,7-dimethyl-6-octen-1-ol	0.36	3	30.6	A
Grape, wine	4-nonylphenol, formaldehyde resin, propoxylated	197,258.6	1,139	27,394.44	A
Grape, wine	abamectin	11.45	38	705.26	A
Grape, wine	acequinocyl	2.52	1	7.0	A
Grape, wine	acetamiprid	496.06	311	6,774.29	A
Grape, wine	alcohols, c12 - c13, ethoxylated	1.99	3	12.3	A
Grape, wine	alkyl (60%c14, 30%c16, 5%c12, 5%c18) dimethylbenzyl ammonium chloride	<0.01	1	1.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	alkyl (68%c12, 32%c14) dimethylethylbenzyl ammonium chloride	<0.01	1	1.0	A
Grape, wine	alkyl (c8,c10) polyglucoside	1,845.23	714	8,987.89	A
Grape, wine	alkyl benzene sulfonic acid	1.34	1	9.0	A
Grape, wine	allyloxypolyethylene glycol acetate	1,099.6	169	4,453.2	A
Grape, wine	alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	111.66	219	3,769.28	A
Grape, wine	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	19,620.46	1,655	34,286.84	A
Grape, wine	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	63.76	100	641.41	A
Grape, wine	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	288.9	110	725.66	A
Grape, wine	alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	14.09	24	159.66	A
Grape, wine	alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	621.46	351	3,553.74	A
Grape, wine	alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	0.95	1	4.0	A
Grape, wine	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	1,860.63	1,638	15,996.53	A
Grape, wine	alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	4,412.86	2,179	38,583.09	A
Grape, wine	alpha-alkylaryl-omega-hydroxypoly(oxyethylene)	16.15	14	131.5	A
Grape, wine	alpha-isodecyl-omega-hydroxypoly(oxyethylene)	30.69	94	629.41	A
Grape, wine	alpha-isodecyl-omega-hydroxypoly(oxyethylene) phosphate	0.47	4	8.25	A
Grape, wine	alpha-octylphenyl-omega-hydroxypoly(oxyethylene)	0.87	1	4.0	A
Grape, wine	alpha-pinene beta-pinene copolymer	2,519.54	402	6,590.08	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	alpha-undecyl-omega-hydroxypoly(oxyethylene)	3.76	6	45.16	A
Grape, wine	alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	0.11	1	7.0	A
Grape, wine	aluminum phosphide	1.21	1	25.0	A
Grape, wine	ammonium nitrate	4,190.37	2,183	21,596.01	A
Grape, wine	ammonium propionate	106.82	13	82.04	A
Grape, wine	ammonium sulfate	12,513.54	2,318	23,339.67	A
Grape, wine	ammonium tall oil fatty acid soap	0.08	1	2.0	A
Grape, wine	aureobasidium pullulans strain dsm 14940	5.38	12	27.5	A
Grape, wine	aureobasidium pullulans strain dsm 14941	5.38	12	27.5	A
Grape, wine	azadirachtin	0.05	1	2.0	A
Grape, wine	azoxystrobin	721.01	208	4,095.06	A
Grape, wine	bacillus amyloliquefaciens strain d747	1,502.92	30	509.96	A
Grape, wine	bacillus amyloliquefaciens strain mbi 600	4.74	17	88.88	A
Grape, wine	bacillus pumilus, strain qst 2808	684.1	721	9,332.98	A
Grape, wine	bacillus thuringiensis (berliner), subsp. aizawai, serotype h-7	2.06	4	16.0	A
Grape, wine	bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	429.55	13	583.97	A
Grape, wine	bentonite	0.15	1	3.5	A
Grape, wine	benzoic acid	57.95	1,104	11,720.34	A
Grape, wine	benzovindiflupyr	3.94	4	49.5	A
Grape, wine	beta-conglutin	211.07	56	386.76	A
Grape, wine	bifenazate	748.65	73	2,266.63	A
Grape, wine	boscalid	1,208.99	226	5,242.56	A
Grape, wine	buprofezin	162.7	12	148.84	A
Grape, wine	burkholderia sp strain a396 cells and fermentation media	1,185.18	18	273.01	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	butyl alcohol	2,344.24	1,194	27,922.48	A
Grape, wine	butyl lactate	537.68	250	9,237.39	A
Grape, wine	calcium chloride	28.25	97	720.51	A
Grape, wine	calcium hydroxide	2.65	2	15.0	A
Grape, wine	calcium hypochlorite	11.52	5	42.12	A
Grape, wine	capric acid	2,571.91	93	909.99	A
Grape, wine	caprylic acid	3,773.85	93	909.99	A
Grape, wine	carbo methoxy ether cellulose, sodium salt	7.9	232	2,254.39	A
Grape, wine	carfentrazone-ethyl	92.21	469	4,494.35	A
Grape, wine	casein	0.01	1	3.5	A
Grape, wine	castor oil ethoxylate	179,061.14	1,064	24,291.38	A
Grape, wine	chlorantraniliprole	45.55	10	486.38	A
Grape, wine	chlorpyrifos	0.09	1	5.25	A
Grape, wine	chromobacterium subtsugae strain praa4-1	17.68	3	34.9	A
Grape, wine	citric acid	149.07	135	1,013.71	A
Grape, wine	clethodim	2.59	4	32.38	A
Grape, wine	clothianidin	203.01	98	2,022.32	A
Grape, wine	coconut diethanolamide	0.02	1	7.0	A
Grape, wine	copper hydroxide	3,920.3	702	11,924.21	A
Grape, wine	copper oxide (ous)	11,481.78	726	12,631.81	A
Grape, wine	copper oxychloride	3,852.19	667	11,385.01	A
Grape, wine	copper salts of fatty and rosin acids	0.61	1	1.0	A
Grape, wine	copper sulfate (basic)	179.85	9	478.65	A
Grape, wine	corn syrup	67.15	13	234.11	A
Grape, wine	creosote	3.01	1	11.0	A
Grape, wine	cyflufenamid	586.38	999	24,486.75	A
Grape, wine	cyflumetofen	243.56	96	2,501.95	A
Grape, wine	cyprodinil	8,541.26	1,716	33,328.28	A
Grape, wine	diatomaceous earth	0.02	1	4.6	A
Grape, wine	didecyl dimethyl ammonium chloride	1.38	1	15.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	diethylene glycol	0.88	3	24.16	A
Grape, wine	difenoconazole	1,429.79	1,134	21,951.61	A
Grape, wine	dimethyl alkyl tertiary amines	63.31	1,104	11,720.34	A
Grape, wine	dimethyl silicone fluid emulsion	21.72	215	3,481.69	A
Grape, wine	dimethylpolysiloxane	706.28	2,016	35,766.27	A
Grape, wine	dinotefuran	172.96	67	2,469.62	A
Grape, wine	dioctyl dimethyl ammonium chloride	0.92	1	15.0	A
Grape, wine	dodecylbenzene sulfonic acid	0.09	1	7.0	A
Grape, wine	edta, tetrasodium salt	0.01	1	7.0	A
Grape, wine	etoxazole	140.93	45	2,141.26	A
Grape, wine	farnesol	0.15	3	30.6	A
Grape, wine	fatty acids, c16-18 and c18-unsaturated, branched and linear	0.25	1	10.0	A
Grape, wine	fatty acids, c16-c18 and c18-unsaturated, methyl esters	51.16	94	629.41	A
Grape, wine	fatty acids, methyl esters	218.19	90	224.33	A
Grape, wine	fatty acids, mixed	1.57	3	24.16	A
Grape, wine	fenhexamid	8,359.68	649	12,013.18	A
Grape, wine	fenpropathrin	2.22	2	9.71	A
Grape, wine	fenpyroximate	0.84	1	10.0	A
Grape, wine	flazasulfuron	239.15	850	9,178.29	A
Grape, wine	fluazifop-butyl	2.86	2	11.5	A
Grape, wine	fluazifop-p-butyl	167.12	101	743.37	A
Grape, wine	fludioxonil	1,089.85	324	5,052.28	A
Grape, wine	flumioxazin	2,910.74	953	10,609.25	A
Grape, wine	fluopyram	2,879.67	1,370	27,514.94	A
Grape, wine	flupyradifurone	231.46	97	2,105.92	A
Grape, wine	flutianil	50.28	68	2,409.92	A
Grape, wine	flutriafol	932.33	546	11,625.41	A
Grape, wine	fluxapyroxad	1.96	2	22.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	forchlorfenuron	0.08	2	17.75	A
Grape, wine	garlic	9.31	6	38.5	A
Grape, wine	geraniol	0.36	3	30.6	A
Grape, wine	glufosinate-ammonium	14,243.92	1,869	16,184.76	A
Grape, wine	glycerol	130.76	108	738.93	A
Grape, wine	glyphosate, isopropylamine salt	9,477.82	623	5,328.97	A
Grape, wine	glyphosate, potassium salt	30,921.62	1,461	18,036.45	A
Grape, wine	harpin protein	0.01	4	17.0	A
Grape, wine	hexythiazox	24.47	10	130.0	A
Grape, wine	hydrogen peroxide	709.64	34	520.92	A
Grape, wine	imidacloprid	2,027.28	368	7,742.4	A
Grape, wine	indaziflam	397.41	1,168	11,322.62	A
Grape, wine	iprodione	59.93	2	80.0	A
Grape, wine	isopropyl alcohol	0.94	5	42.0	A
Grape, wine	isoxaben	2.33	2	9.18	A
Grape, wine	kaolin	10,686.75	96	990.23	A
Grape, wine	kresoxim-methyl	251.63	98	1,931.05	A
Grape, wine	lactic acid	0.3	1	9.0	A
Grape, wine	lactose	0.01	1	3.5	A
Grape, wine	laminarin	1.73	6	44.14	A
Grape, wine	lavandulyl senecioate	208.1	544	16,413.17	A
Grape, wine	lecithin	16.08	4	78.14	A
Grape, wine	lime-sulfur	1,817.64	9	134.8	A
Grape, wine	low molecular weight paraffinic oil	8.5	36	1,007.63	A
Grape, wine	malathion	92.0	1	48.0	A
Grape, wine	mancozeb	3.38	2	4.0	A
Grape, wine	manganese sulfate	0.6	1	5.25	A
Grape, wine	mesotrione	0.5	1	9.0	A
Grape, wine	metaflumizone	0.56	28	595.62	A
Grape, wine	methoxyfenozide	56.35	17	250.3	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	methyl anthranilate	1.33	1	2.0	A
Grape, wine	methyl silicone resins	929.89	305	5,500.71	A
Grape, wine	methylated soybean oil	6,819.81	1,595	16,891.1	A
Grape, wine	metrafenone	5,307.36	668	18,642.2	A
Grape, wine	mineral oil	252,743.52	2,654	52,167.37	A
Grape, wine	myclobutanil	832.55	422	9,280.62	A
Grape, wine	myrothecium verrucaria, dried fermentation solids & solubles, strain aarc-0255	1,150.63	13	135.88	A
Grape, wine	n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	22.78	210	3,179.5	A
Grape, wine	nerolidol	0.36	3	30.6	A
Grape, wine	octyl decyl dimethyl ammonium chloride	2.3	1	15.0	A
Grape, wine	oleic acid, ethyl ester	1,945.54	199	4,270.51	A
Grape, wine	oleic acid, methyl ester	15,013.7	174	4,487.2	A
Grape, wine	orthosulfamuron	41.52	14	227.78	A
Grape, wine	oxyfluorfen	4,725.27	494	6,616.49	A
Grape, wine	pendimethalin	4,995.47	349	4,034.67	A
Grape, wine	peroxyacetic acid	43.64	32	472.89	A
Grape, wine	petroleum oil, paraffin based	4.61	2	20.0	A
Grape, wine	petroleum oil, unclassified	268.05	1	37.0	A
Grape, wine	phosphoric acid	39.22	22	315.07	A
Grape, wine	poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	121.01	416	4,590.15	A
Grape, wine	poly(oxy-1,2-ethanediyl), alpha-isodecyl-omega-hydroxy-phosphate, potassium salt	0.17	4	8.25	A
Grape, wine	poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	176.82	301	5,479.71	A
Grape, wine	poly-i-para-menthene	903.8	222	3,106.06	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	polyacrylamide polymer	1.02	8	77.91	A
Grape, wine	polyalkene oxide modified heptamethyl trisiloxane	2.13	10	86.75	A
Grape, wine	polyalkyleneoxide modified polydimethyl-siloxane	92.08	103	1,552.97	A
Grape, wine	polyether modified polysiloxane	29.35	37	134.06	A
Grape, wine	polyethoxylated castor oil	1,215.61	510	5,219.56	A
Grape, wine	polyethylene glycol	66.66	44	549.15	A
Grape, wine	polyethylene glycol diacetate	99.96	169	4,453.2	A
Grape, wine	polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	7.65	16	92.16	A
Grape, wine	polyethylene glycol stearate	486.39	199	4,270.51	A
Grape, wine	polymerized acrylic acid	0.77	1	10.0	A
Grape, wine	polymerized pinene	79.26	22	278.77	A
Grape, wine	polyoxin d, zinc salt	213.45	282	4,632.13	A
Grape, wine	polyoxyethylene polyol fatty acid esters	665.74	366	3,686.69	A
Grape, wine	polyoxyethylene polyoxypropylene	0.03	3	35.5	A
Grape, wine	polyoxyethylene sorbitan mixed fatty acid esters	67.69	12	259.11	A
Grape, wine	polyoxyethylene sorbitan monolaurate	4,465.77	235	9,104.44	A
Grape, wine	polyoxyethylene sorbitol, mixed ether ester	0.95	2	20.0	A
Grape, wine	polypropylene glycol	0.6	19	243.23	A
Grape, wine	polysiloxane	0.03	1	20.0	A
Grape, wine	potash soap	104.08	2	25.0	A
Grape, wine	potassium bicarbonate	5,631.1	157	2,126.82	A
Grape, wine	potassium phosphite	11.11	3	7.5	A
Grape, wine	potassium silicate	243.54	4	52.79	A
Grape, wine	propylene glycol	23.09	37	393.77	A
Grape, wine	pydiflumetofen	112.28	25	872.65	A
Grape, wine	pyraclostrobin	616.05	228	5,264.56	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	pyraflufen-ethyl	3.13	110	912.54	A
Grape, wine	pyrethrins	8.38	59	217.5	A
Grape, wine	pyrimethanil	1,764.04	236	5,120.56	A
Grape, wine	pyriofenone	1,298.4	776	13,712.51	A
Grape, wine	qst 713 strain of dried bacillus subtilis	2,403.52	882	11,930.02	A
Grape, wine	quillaja	16.55	236	2,295.2	A
Grape, wine	quinoxifen	3,494.92	1,619	37,199.62	A
Grape, wine	resmethrin	0.02	1	5.25	A
Grape, wine	reynoutria sachalinensis	551.39	288	2,656.61	A
Grape, wine	rimsulfuron	106.58	285	3,181.2	A
Grape, wine	sethoxydim	106.48	86	567.08	A
Grape, wine	silica filled polydimethylsiloxane	3.24	252	9,332.67	A
Grape, wine	silicone	1.68	9	258.5	A
Grape, wine	silicone defoamer	<0.01	1	7.0	A
Grape, wine	simazine	175.77	9	100.38	A
Grape, wine	sodium bisulfate	28.99	6	83.0	A
Grape, wine	sodium dichloro-s-triazinetrione dihydrate	7.43	1	40.0	A
Grape, wine	sodium diisooctylsulfosuccinate	0.12	1	10.0	A
Grape, wine	sodium dioctylsulfosuccinate	0.03	3	35.5	A
Grape, wine	sodium hydroxide	9.14	21	311.82	A
Grape, wine	sodium hypochlorite	12.37	15	160.1	A
Grape, wine	sodium polyacrylate	2.63	12	72.04	A
Grape, wine	sodium xylene sulfonate	1.29	3	25.0	A
Grape, wine	sorbitol	1.13	5	22.81	A
Grape, wine	spinosad	0.43	4	29.33	A
Grape, wine	spirotetramat	1,948.01	772	16,857.43	A
Grape, wine	starch	0.01	4	34.28	A
Grape, wine	strychnine	4.23	33	507.5	A
Grape, wine	styrene butadiene copolymer	6.16	12	101.78	A
Grape, wine	sulfoxaflor	120.47	57	1,425.3	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	sulfur	1,569,752.38	10,329	232,017.52	A
Grape, wine	sulfur dioxide	58.41	17	4,255.0	U
Grape, wine	tall oil	41.23	49	2,649.02	A
Grape, wine	tall oil fatty acids	919.65	766	8,883.58	A
Grape, wine	tebuconazole	2,416.17	1,066	23,216.21	A
Grape, wine	tetraconazole	445.78	481	13,471.84	A
Grape, wine	tetrapotassium pyrophosphate	0.01	1	7.0	A
Grape, wine	thiamethoxam	413.95	166	5,074.44	A
Grape, wine	thiophanate	1.58	1	5.0	A
Grape, wine	thiophanate-methyl	728.79	114	1,350.4	A
Grape, wine	trichoderma icc 012 asperellum	5.24	30	323.08	A
Grape, wine	trichoderma icc 080 gamsii	5.24	30	323.08	A
Grape, wine	triclopyr choline	1.74	1	1.0	A
Grape, wine	triethanolamine	0.04	1	7.0	A
Grape, wine	trifloxystrobin	1,109.4	526	11,555.32	A
Grape, wine	triflumizole	477.1	90	2,131.18	A
Grape, wine	urea	113.98	94	629.41	A
Grape, wine	vinyl ester polymer	8.8	3	35.5	A
Grape, wine	vinyl polymer	1.05	3	18.71	A
Grape, wine	xanthan gum	1.13	5	22.81	A
Grape, wine	yucca schidigera	29.07	11	48.5	A
Grape, wine	zinc 2-pyridinethiol-1-oxide	0.18	3	51.0	A
Grape, wine	zinc phosphide	1.6	1	8.0	A
Grape, wine	zinc sulfate	1.03	1	5.25	A
Herb, spice	azadirachtin	0.04	10	11,400.0	S
Herb, spice	bacillus pumilus, strain qst 2808	0.2	15	33,800.0	S
Herb, spice	chromobacterium subtsugae strain praa4-1	1.79	24	57,575.0	S
Herb, spice	clarified hydrophobic extract of neem oil	7.29	34	68,975.0	S
Herb, spice	magnesium phosphide	1.79	N/A	39,000.0	C
Herb, spice	magnesium phosphide	0.28	N/A	6,000.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Herb, spice	qst 713 strain of dried bacillus subtilis	0.09	14	28,825.0	S
Herb, spice	reynoutria sachalinensis	0.07	6	6,600.0	S
Kale	azadirachtin	<0.01	10	1,400.0	S
Kale	bacillus pumilus, strain qst 2808	0.01	11	2,200.0	S
Kale	chromobacterium subtsugae strain praa4-1	0.1	17	3,400.0	S
Kale	clarified hydrophobic extract of neem oil	0.47	27	4,800.0	S
Kale	qst 713 strain of dried bacillus subtilis	0.01	10	1,900.0	S
Kale	reynoutria sachalinensis	0.01	6	700.0	S
Landscape maintenance	2,4-d, 2-ethylhexyl ester	143.91	N/A	N/A	N/A
Landscape maintenance	2,4-d, dimethylamine salt	86.04	N/A	N/A	N/A
Landscape maintenance	2,4-d, isooctyl ester	4.06	N/A	N/A	N/A
Landscape maintenance	2,4-dp-p, dimethylamine salt	0.03	N/A	N/A	N/A
Landscape maintenance	2,4-dp-p, isooctyl ester	16.81	N/A	N/A	N/A
Landscape maintenance	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	6.23	N/A	N/A	N/A
Landscape maintenance	4-nonylphenol, formaldehyde resin, propoxylated	0.02	N/A	N/A	N/A
Landscape maintenance	abamectin	0.54	N/A	N/A	N/A
Landscape maintenance	acephate	0.02	N/A	N/A	N/A
Landscape maintenance	acibenzolar-s-methyl	1.66	N/A	N/A	N/A
Landscape maintenance	alkyl (c8,c10) polyglucoside	731.73	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	193.69	N/A	N/A	N/A
Landscape maintenance	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	1.12	N/A	N/A	N/A
Landscape maintenance	alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	0.18	N/A	N/A	N/A
Landscape maintenance	alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	0.22	N/A	N/A	N/A
Landscape maintenance	alpha-pinene beta-pinene copolymer	0.26	N/A	N/A	N/A
Landscape maintenance	alpha-undecyl-omega-hydroxypoly(oxyethylene)	0.78	N/A	N/A	N/A
Landscape maintenance	aluminum phosphide	0.83	N/A	N/A	N/A
Landscape maintenance	aminocyclopyrachlor, potassium salt	0.23	N/A	N/A	N/A
Landscape maintenance	aminopyralid, triisopropanolamine salt	30.65	N/A	N/A	N/A
Landscape maintenance	ammonium nitrate	86.01	N/A	N/A	N/A
Landscape maintenance	ammonium nonanoate	570.61	N/A	N/A	N/A
Landscape maintenance	ammonium sulfate	172.02	N/A	N/A	N/A
Landscape maintenance	azadirachtin	0.03	N/A	N/A	N/A
Landscape maintenance	azoxystrobin	0.59	1	1.5	A
Landscape maintenance	azoxystrobin	46.18	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	0.2	N/A	N/A	N/A
Landscape maintenance	benzoic acid	0.01	N/A	N/A	N/A
Landscape maintenance	benzovindiflupyr	0.39	N/A	N/A	N/A
Landscape maintenance	beta-cyfluthrin	5.69	N/A	N/A	N/A
Landscape maintenance	bifenthrin	6.64	N/A	N/A	N/A
Landscape maintenance	boric acid	85.4	N/A	N/A	N/A
Landscape maintenance	bromadiolone	<0.01	N/A	N/A	N/A
Landscape maintenance	bromethalin	0.02	N/A	N/A	N/A
Landscape maintenance	butyl lactate	10.01	N/A	N/A	N/A
Landscape maintenance	calcium chloride	0.21	N/A	N/A	N/A
Landscape maintenance	capric acid	327.67	N/A	N/A	N/A
Landscape maintenance	caprylic acid	478.78	N/A	N/A	N/A
Landscape maintenance	carfentrazone-ethyl	5.78	N/A	N/A	N/A
Landscape maintenance	castor oil ethoxylate	0.02	N/A	N/A	N/A
Landscape maintenance	chlorantraniliprole	26.54	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	chlorflurenol, methyl ester	0.02	N/A	N/A	N/A
Landscape maintenance	chlorophacinone	<0.01	N/A	N/A	N/A
Landscape maintenance	chlorothalonil	30.02	3	4.5	A
Landscape maintenance	chlorothalonil	1,120.68	N/A	N/A	N/A
Landscape maintenance	chlorsulfuron	0.41	N/A	N/A	N/A
Landscape maintenance	chromobacterium subtsugae strain praa4-1	0.15	N/A	N/A	N/A
Landscape maintenance	citric acid	0.59	N/A	N/A	N/A
Landscape maintenance	clarified hydrophobic extract of neem oil	3.6	N/A	N/A	N/A
Landscape maintenance	clethodim	0.07	N/A	N/A	N/A
Landscape maintenance	clopyralid, monoethanolamine salt	71.58	N/A	N/A	N/A
Landscape maintenance	clopyralid, triethylamine salt	2.3	N/A	N/A	N/A
Landscape maintenance	clothianidin	0.75	N/A	N/A	N/A
Landscape maintenance	copper ammonium complex	2.5	N/A	N/A	N/A
Landscape maintenance	copper diammonium diacetate complex	1.13	N/A	N/A	N/A
Landscape maintenance	copper ethanolamine complexes, mixed	55.26	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	copper hydroxide	76.54	N/A	N/A	N/A
Landscape maintenance	copper oxide (ous)	5.78	N/A	N/A	N/A
Landscape maintenance	copper oxychloride	72.02	N/A	N/A	N/A
Landscape maintenance	cyazofamid	5.73	N/A	N/A	N/A
Landscape maintenance	deltamethrin	<0.01	N/A	N/A	N/A
Landscape maintenance	dicamba	9.26	N/A	N/A	N/A
Landscape maintenance	dicamba, dimethylamine salt	7.79	N/A	N/A	N/A
Landscape maintenance	didecyl dimethyl ammonium chloride	0.01	N/A	N/A	N/A
Landscape maintenance	diethylene glycol	12.19	N/A	N/A	N/A
Landscape maintenance	difenoconazole	0.37	1	1.5	A
Landscape maintenance	difenoconazole	11.69	N/A	N/A	N/A
Landscape maintenance	diglycerides of fatty acids	8.89	N/A	N/A	N/A
Landscape maintenance	dikegulac sodium	9.87	N/A	N/A	N/A
Landscape maintenance	dimethyl alkyl tertiary amines	0.01	N/A	N/A	N/A
Landscape maintenance	dimethylpolysiloxane	0.79	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	dinotefuran	0.86	N/A	N/A	N/A
Landscape maintenance	dioctyl dimethyl ammonium chloride	0.01	N/A	N/A	N/A
Landscape maintenance	diphacinone	0.08	N/A	N/A	N/A
Landscape maintenance	diquat dibromide	116.67	N/A	N/A	N/A
Landscape maintenance	dithiopyr	905.83	N/A	N/A	N/A
Landscape maintenance	diuron	0.5	N/A	N/A	N/A
Landscape maintenance	emamectin benzoate	0.03	N/A	N/A	N/A
Landscape maintenance	ethephon	292.02	N/A	N/A	N/A
Landscape maintenance	ethofumesate	34.17	N/A	N/A	N/A
Landscape maintenance	ferric sodium edta	0.14	N/A	N/A	N/A
Landscape maintenance	fluazifop-butyl	0.02	N/A	N/A	N/A
Landscape maintenance	fluazifop-p-butyl	0.13	N/A	N/A	N/A
Landscape maintenance	fluazinam	49.63	N/A	N/A	N/A
Landscape maintenance	fludioxonil	0.6	2	3.0	A
Landscape maintenance	fludioxonil	16.22	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	flumioxazin	5.07	N/A	N/A	N/A
Landscape maintenance	fluopyram	1.33	N/A	N/A	N/A
Landscape maintenance	flupyradifurone	0.36	N/A	N/A	N/A
Landscape maintenance	flurecol-methyl	0.01	N/A	N/A	N/A
Landscape maintenance	fluridone	1.96	N/A	N/A	N/A
Landscape maintenance	flurprimidol	4.82	N/A	N/A	N/A
Landscape maintenance	flutolanil	10.5	1	1.5	A
Landscape maintenance	flutolanil	10.78	N/A	N/A	N/A
Landscape maintenance	fluxapyroxad	10.17	N/A	N/A	N/A
Landscape maintenance	fosetyl-al	26.53	N/A	N/A	N/A
Landscape maintenance	free fatty acids and/or amine salts	17.94	N/A	N/A	N/A
Landscape maintenance	glufosinate-ammonium	756.3	N/A	N/A	N/A
Landscape maintenance	glyphosate, dimethylamine salt	2.56	N/A	N/A	N/A
Landscape maintenance	glyphosate, isopropylamine salt	2,994.81	N/A	N/A	N/A
Landscape maintenance	glyphosate, monoammonium salt	1.51	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	glyphosate, potassium salt	670.86	N/A	N/A	N/A
Landscape maintenance	heptamethyltrisiloxane ethoxylated	0.04	N/A	N/A	N/A
Landscape maintenance	heptyl butyrate	0.67	N/A	N/A	N/A
Landscape maintenance	hydrogen peroxide	18.56	N/A	N/A	N/A
Landscape maintenance	imazamox, ammonium salt	0.53	N/A	N/A	N/A
Landscape maintenance	imidacloprid	141.61	N/A	N/A	N/A
Landscape maintenance	indaziflam	2.14	N/A	N/A	N/A
Landscape maintenance	indoxacarb	0.51	N/A	N/A	N/A
Landscape maintenance	iprodione	5.0	1	1.5	A
Landscape maintenance	iprodione	188.91	N/A	N/A	N/A
Landscape maintenance	iron phosphate	34.42	N/A	N/A	N/A
Landscape maintenance	isoxaben	127.91	N/A	N/A	N/A
Landscape maintenance	kaolin	23.75	N/A	N/A	N/A
Landscape maintenance	lecithin	1.56	N/A	N/A	N/A
Landscape maintenance	lignin sulfonic acid, copper salt	0.38	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	limonene	61.53	N/A	N/A	N/A
Landscape maintenance	malathion	2.2	N/A	N/A	N/A
Landscape maintenance	mancozeb	370.1	N/A	N/A	N/A
Landscape maintenance	mcpp-p, dimethylamine salt	23.02	N/A	N/A	N/A
Landscape maintenance	mecoprop-p	25.72	N/A	N/A	N/A
Landscape maintenance	mefenoxam	6.21	N/A	N/A	N/A
Landscape maintenance	mefenoxam, other related	0.2	N/A	N/A	N/A
Landscape maintenance	metconazole	41.08	N/A	N/A	N/A
Landscape maintenance	methyl-2,7-dichloro-9-hydroxyfluorene-9-carboxylate	<0.01	N/A	N/A	N/A
Landscape maintenance	methylated soybean oil	11.35	N/A	N/A	N/A
Landscape maintenance	mineral oil	5,132.71	N/A	N/A	N/A
Landscape maintenance	msma	2.53	N/A	N/A	N/A
Landscape maintenance	myclobutanil	2.29	N/A	N/A	N/A
Landscape maintenance	n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	0.01	N/A	N/A	N/A
Landscape maintenance	naa, ammonium salt	1.48	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	octyl decyl dimethyl ammonium chloride	0.03	N/A	N/A	N/A
Landscape maintenance	oleic acid, ethyl ester	3.1	N/A	N/A	N/A
Landscape maintenance	organosilicone, poly oxyalkylene ether copolymer	59.0	N/A	N/A	N/A
Landscape maintenance	oryzalin	89.5	N/A	N/A	N/A
Landscape maintenance	oxadiazon	0.24	N/A	N/A	N/A
Landscape maintenance	oxyfluorfen	52.94	N/A	N/A	N/A
Landscape maintenance	oxytetracycline hydrochloride	0.01	N/A	N/A	N/A
Landscape maintenance	paclobutrazol	7.75	N/A	N/A	N/A
Landscape maintenance	pcnb	167.96	N/A	N/A	N/A
Landscape maintenance	pendimethalin	157.68	N/A	N/A	N/A
Landscape maintenance	penoxsulam	3.22	N/A	N/A	N/A
Landscape maintenance	penthiopyrad	51.6	N/A	N/A	N/A
Landscape maintenance	permethrin	68.71	N/A	N/A	N/A
Landscape maintenance	petroleum oil, unclassified	5.64	N/A	N/A	N/A
Landscape maintenance	polyalkene oxide modified heptamethyl trisiloxane	7.87	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	0.1	N/A	N/A	N/A
Landscape maintenance	polyethylene glycol stearate	0.53	N/A	N/A	N/A
Landscape maintenance	polyoxin d, zinc salt	2.44	N/A	N/A	N/A
Landscape maintenance	polyoxyethylene dioleate	0.17	N/A	N/A	N/A
Landscape maintenance	polyoxyethylene sorbitan monolaurate	96.91	N/A	N/A	N/A
Landscape maintenance	polyoxyethylene sorbitan monooleate	0.05	N/A	N/A	N/A
Landscape maintenance	polysorbate 65	0.05	N/A	N/A	N/A
Landscape maintenance	potash soap	0.11	N/A	N/A	N/A
Landscape maintenance	potassium phosphite	4,822.58	N/A	N/A	N/A
Landscape maintenance	prodiamine	22,499.13	N/A	N/A	N/A
Landscape maintenance	propamocarb hydrochloride	35.62	N/A	N/A	N/A
Landscape maintenance	propiconazole	2.35	2	3.0	A
Landscape maintenance	propiconazole	94.85	N/A	N/A	N/A
Landscape maintenance	propylene glycol	34.56	N/A	N/A	N/A
Landscape maintenance	pyraclostrobin	31.96	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	pyriproxyfen	0.38	N/A	N/A	N/A
Landscape maintenance	quillaja	4.21	N/A	N/A	N/A
Landscape maintenance	quinclorac, dimethylamine salt	4.61	N/A	N/A	N/A
Landscape maintenance	rimsulfuron	0.02	N/A	N/A	N/A
Landscape maintenance	siduron	2.0	N/A	N/A	N/A
Landscape maintenance	silica filled polydimethylsiloxane	0.05	N/A	N/A	N/A
Landscape maintenance	sodium carbonate peroxyhydrate	425.0	N/A	N/A	N/A
Landscape maintenance	sorbitan trioleate	0.05	N/A	N/A	N/A
Landscape maintenance	spinosad	1.54	N/A	N/A	N/A
Landscape maintenance	streptomycin sulfate	0.05	N/A	N/A	N/A
Landscape maintenance	strychnine	<0.01	N/A	N/A	N/A
Landscape maintenance	sulfentrazone	0.22	N/A	N/A	N/A
Landscape maintenance	sulfometuron-methyl	0.94	N/A	N/A	N/A
Landscape maintenance	sulfur	3.12	N/A	N/A	N/A
Landscape maintenance	tall oil fatty acids	22.56	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	tau-fluvalinate	<0.01	N/A	N/A	N/A
Landscape maintenance	tebuconazole	20.81	N/A	N/A	N/A
Landscape maintenance	thiamethoxam	15.94	N/A	N/A	N/A
Landscape maintenance	thiophanate-methyl	120.98	N/A	N/A	N/A
Landscape maintenance	topramezone	0.05	N/A	N/A	N/A
Landscape maintenance	triadimefon	50.08	N/A	N/A	N/A
Landscape maintenance	triclopyr choline	289.07	N/A	N/A	N/A
Landscape maintenance	triclopyr, butoxyethyl ester	838.41	N/A	N/A	N/A
Landscape maintenance	triclopyr, triethylamine salt	54.09	N/A	N/A	N/A
Landscape maintenance	trifloxystrobin	8.51	N/A	N/A	N/A
Landscape maintenance	trifluralin	33.94	N/A	N/A	N/A
Landscape maintenance	trinexapac-ethyl	70.06	N/A	N/A	N/A
Landscape maintenance	triticonazole	0.62	N/A	N/A	N/A
Landscape maintenance	zinc phosphide	0.41	N/A	N/A	N/A
Lettuce, head	azadirachtin	0.05	11	14,500.0	S
Lettuce, head	bacillus pumilus, strain qst 2808	0.1	17	18,200.0	S
Lettuce, head	chromobacterium subtsugae strain praa4-1	0.87	29	30,550.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Lettuce, head	clarified hydrophobic extract of neem oil	4.47	40	45,050.0	S
Lettuce, head	qst 713 strain of dried bacillus subtilis	0.05	16	18,350.0	S
Lettuce, head	reynoutria sachalinensis	0.09	7	8,500.0	S
Mustard	bacillus pumilus, strain qst 2808	0.01	12	2,250.0	S
Mustard	chromobacterium subtsugae strain praa4-1	0.12	22	3,962.0	S
Mustard	clarified hydrophobic extract of neem oil	0.4	22	3,962.0	S
Mustard	qst 713 strain of dried bacillus subtilis	<0.01	10	1,712.0	S
N-grnhs flower	abamectin	2.41	36	86.5	A
N-grnhs flower	abamectin	0.11	2	150,000.0	S
N-grnhs flower	acephate	266.27	29	114.5	A
N-grnhs flower	acephate	4.5	3	225,000.0	S
N-grnhs flower	acetamiprid	2.36	5	6.0	A
N-grnhs flower	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	<0.01	N/A	1.0	S
N-grnhs flower	alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	8.75	60	62.0	A
N-grnhs flower	bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	<0.01	1	1,200.0	S
N-grnhs flower	bacillus thuringiensis, subsp. israelensis, strain am 65-52	2.54	26	31,200.0	S
N-grnhs flower	boscalid	8.06	10	13.0	A
N-grnhs flower	boscalid	0.9	2	150,000.0	S
N-grnhs flower	chlorfenapyr	3.5	3	11.5	A
N-grnhs flower	copper octanoate	0.02	6	7,200.0	S
N-grnhs flower	cyantraniliprole	3.26	5	14.0	A
N-grnhs flower	cyflumetofen	5.19	11	11.0	A
N-grnhs flower	cyprodinil	12.94	16	45.5	A
N-grnhs flower	dimethylpolysiloxane	0.1	23	25.5	A
N-grnhs flower	fenhexamid	10.0	6	9.0	A
N-grnhs flower	fludioxonil	8.63	16	45.5	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs flower	fosetyl-al	7.0	2	2.5	A
N-grnhs flower	heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	828.42	103	516.0	A
N-grnhs flower	imidacloprid	0.05	2	0.25	A
N-grnhs flower	iprodione	9.75	5	7.0	A
N-grnhs flower	iprodione	1.5	1	75,000.0	S
N-grnhs flower	malathion	0.03	1	0.1	A
N-grnhs flower	organosilicone, poly oxyalkylene ether copolymer	<0.01	N/A	1.0	S
N-grnhs flower	piperalin	74.98	31	87.5	A
N-grnhs flower	poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	157.79	103	516.0	A
N-grnhs flower	polyalkene oxide modified heptamethyl trisiloxane	3.5	37	36.5	A
N-grnhs flower	polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	3.21	23	25.5	A
N-grnhs flower	potash soap	11.94	7	30,850.0	S
N-grnhs flower	propylene glycol	14.76	60	62.0	A
N-grnhs flower	propylene glycol	<0.01	N/A	1.0	S
N-grnhs flower	pymetrozine	2.81	2	10.0	A
N-grnhs flower	pyraclostrobin	4.1	10	13.0	A
N-grnhs flower	pyraclostrobin	1.76	2	150,000.0	S
N-grnhs flower	pyrethrins	<0.01	1	0.1	A
N-grnhs flower	pyrethrins	0.52	36	69,250.0	S
N-grnhs flower	pyridalyl	41.74	25	128.0	A
N-grnhs flower	spinosad	1.22	2	51.0	A
N-grnhs flower	spirotetramat	9.18	29	88.75	A
N-grnhs flower	starch	0.02	23	25.5	A
N-grnhs flower	styrene butadiene copolymer	19.97	60	62.0	A
N-grnhs flower	tau-fluvalinate	2.6	5	375,000.0	S
N-grnhs flower	tolfenpyrad	5.18	3	11.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs flower	triclopyr, butoxyethyl ester	0.09	N/A	1.0	C
N-grnhs plants in containers	abamectin	0.01	3	0.09	A
N-grnhs plants in containers	abamectin	<0.01	2	2,250.0	S
N-grnhs plants in containers	azadirachtin	<0.01	1	225.0	S
N-grnhs plants in containers	azoxystrobin	0.43	7	6,975.0	S
N-grnhs plants in containers	bacillus thuringiensis (berliner), subsp. kurstaki, serotype 3a,3b	<0.01	2	574.0	S
N-grnhs plants in containers	boscalid	2.17	19	68,438.0	U
N-grnhs plants in containers	chlorothalonil	0.94	1	8,000.0	U
N-grnhs plants in containers	copper sulfate (pentahydrate)	0.02	2	2,720.0	S
N-grnhs plants in containers	copper sulfate (pentahydrate)	0.04	1	6,120.0	U
N-grnhs plants in containers	cyantraniliprole	0.76	2	221,832.0	U
N-grnhs plants in containers	dinotefuran	0.2	2	0.06	A
N-grnhs plants in containers	fosetyl-al	0.25	1	1,830.0	S
N-grnhs plants in containers	imidacloprid	0.47	4	0.12	A
N-grnhs plants in containers	imidacloprid	0.95	25	31,240.0	S
N-grnhs plants in containers	imidacloprid	0.22	3	7,000.0	U

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs plants in containers	iprodione	0.05	1	549.0	S
N-grnhs plants in containers	margosa oil	0.06	1	225.0	S
N-grnhs plants in containers	mefenoxam	0.16	2	0.06	A
N-grnhs plants in containers	mefenoxam	0.71	11	37,439.0	U
N-grnhs plants in containers	mefenoxam, other related	0.01	2	0.06	A
N-grnhs plants in containers	mefenoxam, other related	0.02	11	37,439.0	U
N-grnhs plants in containers	metaldehyde	0.14	4	0.12	A
N-grnhs plants in containers	metaldehyde	0.36	12	1,080.0	U
N-grnhs plants in containers	mineral oil	1.36	4	3,130.0	S
N-grnhs plants in containers	petroleum oil, unclassified	0.4	1	963.0	S
N-grnhs plants in containers	pyraclostrobin	0.08	4	2,562.0	S
N-grnhs plants in containers	pyraclostrobin	4.77	22	165,697.0	U
N-grnhs plants in containers	qst 713 strain of dried bacillus subtilis	0.04	1	4,140.0	S
N-grnhs plants in containers	spinosad	<0.01	2	1,253.0	S
N-grnhs plants in containers	spiromesifen	0.06	1	0.03	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs plants in containers	sulfur	46.8	1	18.1	A
N-grnhs plants in containers	tau-fluvalinate	0.01	7	640.0	S
N-grnhs plants in containers	tebuconazole	0.01	7	640.0	S
N-grnhs plants in containers	thiophanate-methyl	0.22	16	368.0	S
N-grnhs transplants	azoxystrobin	1.64	8	215,784.0	S
N-grnhs transplants	bifenazate	0.5	1	42,336.0	S
N-grnhs transplants	boscalid	0.44	4	142,925.0	S
N-grnhs transplants	clarified hydrophobic extract of neem oil	<0.01	1	280.0	U
N-grnhs transplants	copper oxide (ous)	17.11	12	486,800.0	S
N-grnhs transplants	dinotefuran	0.1	2	46,426.0	S
N-grnhs transplants	fenhexamid	1.8	4	184,878.0	S
N-grnhs transplants	flupyradifurone	0.26	2	45,309.0	S
N-grnhs transplants	glyphosate, isopropylamine salt	0.46	1	6,000.0	S
N-grnhs transplants	hydrogen peroxide	0.62	1	800.0	S
N-grnhs transplants	hydrogen peroxide	4.24	14	267.0	U

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs transplants	imidacloprid	1.03	5	187,764.0	S
N-grnhs transplants	iron phosphate	0.08	3	1.54	A
N-grnhs transplants	iron phosphate	0.68	4	209,471.0	S
N-grnhs transplants	mefenoxam	0.05	1	3,888.0	S
N-grnhs transplants	mefenoxam, other related	<0.01	1	3,888.0	S
N-grnhs transplants	methoxyfenozide	0.74	3	152,982.0	S
N-grnhs transplants	mineral oil	18.41	5	105,525.0	S
N-grnhs transplants	peroxyacetic acid	0.05	1	800.0	S
N-grnhs transplants	peroxyacetic acid	0.31	14	267.0	U
N-grnhs transplants	poly(oxyethylene) (dimethylimino) ethylene (dimethylimino) ethylene dichloride	2.8	18	530.0	U
N-grnhs transplants	potassium bicarbonate	5.74	2	91,665.0	S
N-grnhs transplants	potassium phosphite	2.4	3	103,613.0	S
N-grnhs transplants	pyraclostrobin	0.86	4	142,925.0	S
N-grnhs transplants	pyrethrins	0.08	3	28,248.0	S
N-grnhs transplants	sodium carbonate peroxyhydrate	2.55	3	3,360.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs transplants	spinosad	0.22	8	391,841.0	S
N-grnhs transplants	spirotetramat	0.1	2	105,550.0	S
N-grnhs transplants	sulfur	4.53	2	35,103.0	S
N-grnhs transplants	tetraconazole	0.07	2	85,401.0	S
N-outdr flower	acephate	1.94	1	1.0	A
N-outdr flower	acetamiprid	0.6	2	2.0	A
N-outdr flower	alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	0.54	5	5.0	A
N-outdr flower	azadirachtin	0.01	11	3,700.0	S
N-outdr flower	bacillus pumilus, strain qst 2808	0.02	15	2,900.0	S
N-outdr flower	chromobacterium subtsugae strain praa4-1	0.14	25	4,500.0	S
N-outdr flower	clarified hydrophobic extract of neem oil	0.84	36	8,200.0	S
N-outdr flower	copper hydroxide	2.31	1	5.5	A
N-outdr flower	dimethylpolysiloxane	<0.01	1	1.0	A
N-outdr flower	glyphosate, isopropylamine salt	8.45	2	8.25	A
N-outdr flower	glyphosate, potassium salt	16.46	2	9.0	A
N-outdr flower	hexazinone	10.18	1	10.0	A
N-outdr flower	imidacloprid	0.13	4	0.55	A
N-outdr flower	malathion	0.08	2	0.25	A
N-outdr flower	mancozeb	9.75	1	5.5	A
N-outdr flower	oxyfluorfen	32.01	5	27.25	A
N-outdr flower	pendimethalin	19.41	2	8.25	A
N-outdr flower	permethrin	0.79	2	2.0	A
N-outdr flower	polyalkene oxide modified heptamethyl trisiloxane	0.31	4	4.0	A
N-outdr flower	polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	0.09	1	1.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-outdr flower	propylene glycol	0.89	5	5.0	A
N-outdr flower	qst 713 strain of dried bacillus subtilis	0.01	14	3,100.0	S
N-outdr flower	reynoutria sachalinensis	0.02	7	2,200.0	S
N-outdr flower	spirotetramat	0.01	1	0.1	A
N-outdr flower	starch	<0.01	1	1.0	A
N-outdr flower	styrene butadiene copolymer	1.2	5	5.0	A
N-outdr flower	thiophanate-methyl	3.65	1	5.5	A
N-outdr plants in containers	abamectin	0.02	7	21,637.5	S
N-outdr plants in containers	alpha-undecyl-omega-hydroxypoly(oxyethylene)	2.47	12	20.0	A
N-outdr plants in containers	azadirachtin	1.1	69	345.0	A
N-outdr plants in containers	azoxystrobin	0.15	2	3.0	A
N-outdr plants in containers	azoxystrobin	0.63	7	10,000.0	S
N-outdr plants in containers	bacillus thuringiensis (berliner), subsp. kurstaki, serotype 3a,3b	0.09	5	15,824.0	S
N-outdr plants in containers	bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	28.5	41	205.0	A
N-outdr plants in containers	beauveria bassiana strain gha	6.05	54	270.0	A
N-outdr plants in containers	bifenthrin	0.16	1	1.5	A
N-outdr plants in containers	boscalid	1.17	10	28.5	A
N-outdr plants in containers	boscalid	0.4	1	12,500.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-outdr plants in containers	boscalid	2.5	20	78,350.0	U
N-outdr plants in containers	buprofezin	0.44	1	1.0	A
N-outdr plants in containers	butopyronoxyl	0.21	3	24,000.0	S
N-outdr plants in containers	chlorothalonil	1.22	3	10,400.0	S
N-outdr plants in containers	chlorothalonil	1.87	2	16,000.0	U
N-outdr plants in containers	copper hydroxide	0.33	1	1.0	A
N-outdr plants in containers	copper octanoate	0.03	1	0.25	A
N-outdr plants in containers	copper octanoate	1.85	3	24,000.0	S
N-outdr plants in containers	copper oxychloride	0.36	1	1.0	A
N-outdr plants in containers	copper sulfate (pentahydrate)	0.3	8	51,136.0	S
N-outdr plants in containers	cyflumetofen	0.03	1	2,000.0	U
N-outdr plants in containers	cyfluthrin	2.18	36	180.0	A
N-outdr plants in containers	dinotefuran	1.8	9	18.0	A
N-outdr plants in containers	fosetyl-al	4.86	7	35,547.0	S
N-outdr plants in containers	glufosinate-ammonium	6.86	5	16.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-outdr plants in containers	glyphosate, isopropylamine salt	25.18	6	5.65	A
N-outdr plants in containers	glyphosate, potassium salt	35.86	13	49.0	A
N-outdr plants in containers	glyphosate, potassium salt	15.56	28	233,034.0	S
N-outdr plants in containers	imidacloprid	0.81	7	24.0	A
N-outdr plants in containers	imidacloprid	2.35	31	74,795.0	S
N-outdr plants in containers	imidacloprid	0.03	1	1,000.0	U
N-outdr plants in containers	iprodione	1.62	6	19,215.0	S
N-outdr plants in containers	iron phosphate	0.15	3	3.0	A
N-outdr plants in containers	lecithin	4.95	12	20.0	A
N-outdr plants in containers	malathion	1.17	3	12.0	A
N-outdr plants in containers	margosa oil	1.35	2	10.0	A
N-outdr plants in containers	mefenoxam	0.03	1	2.0	A
N-outdr plants in containers	mefenoxam	0.15	2	5,610.0	S
N-outdr plants in containers	mefenoxam	1.1	12	57,957.0	U
N-outdr plants in containers	mefenoxam, other related	0.01	2	5,610.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-outdr plants in containers	mefenoxam, other related	0.04	12	57,957.0	U
N-outdr plants in containers	mesotrione	0.39	1	2.5	A
N-outdr plants in containers	methoxyfenozide	7.45	36	180.0	A
N-outdr plants in containers	methyated soybean oil	2.47	12	20.0	A
N-outdr plants in containers	mineral oil	21.11	1	2.0	A
N-outdr plants in containers	mineral oil	5.6	5	12,866.75	S
N-outdr plants in containers	myclobutanil	0.37	2	4.0	A
N-outdr plants in containers	petroleum oil, unclassified	0.27	1	642.0	S
N-outdr plants in containers	potash soap	3.56	3	4,722.0	S
N-outdr plants in containers	potassium bicarbonate	0.37	3	1,925.0	S
N-outdr plants in containers	propiconazole	0.07	4	19,775.0	S
N-outdr plants in containers	pymetrozine	3.72	36	180.0	A
N-outdr plants in containers	pyraclostrobin	0.72	10	28.5	A
N-outdr plants in containers	pyraclostrobin	0.87	7	21,375.0	S
N-outdr plants in containers	pyraclostrobin	5.2	22	89,163.0	U

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-outdr plants in containers	pyrethrins	1.06	34	170.0	A
N-outdr plants in containers	pyrethrins	0.08	2	13,375.0	S
N-outdr plants in containers	qst 713 strain of dried bacillus subtilis	0.02	3	2,346.0	S
N-outdr plants in containers	spinosad	3.19	69	338.0	A
N-outdr plants in containers	spinosad	0.06	3	30,080.0	S
N-outdr plants in containers	spirotetramat	0.01	4	3,040.0	S
N-outdr plants in containers	spirotetramat	2.42	7	13,750.0	U
N-outdr plants in containers	tolfenpyrad	0.29	1	2.0	A
N-outdr transplants	glyphosate, isopropylamine salt	1.12	1	2.0	A
N-outdr transplants	glyphosate, isopropylamine salt	2.8	4	90,000.0	S
Nectarine	copper oxide (ous)	3.03	3	0.65	A
Nectarine	mineral oil	0.87	1	0.25	A
Oat	2,4-d, dimethylamine salt	1,071.63	9	1,182.8	A
Oat	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	140.94	9	909.8	A
Oat	benzoic acid	2.6	3	457.8	A
Oat	bromoxynil heptanoate	492.26	10	1,487.0	A
Oat	bromoxynil octanoate	510.49	10	1,487.0	A
Oat	butyl alcohol	17.44	9	909.8	A
Oat	butyl lactate	6.37	1	280.0	A
Oat	chlorsulfuron	0.8	1	52.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Oat	dimethyl alkyl tertiary amines	2.84	3	457.8	A
Oat	dimethylpolysiloxane	0.18	9	909.8	A
Oat	glyphosate, isopropylamine salt	138.36	2	185.0	A
Oat	glyphosate, potassium salt	206.88	1	150.0	A
Oat	methylated soybean oil	99.49	3	457.8	A
Oat	polyacrylamide polymer	15.64	7	732.0	A
Oat	polyoxyethylene sorbitan monolaurate	56.01	1	280.0	A
Oat	polysaccharide polymer	1.74	7	732.0	A
Oat	silica filled polydimethylsiloxane	0.03	1	280.0	A
Oat	tribenuron-methyl	2.07	2	330.0	A
Oat (forage - fodder)	bromoxynil heptanoate	3.1	1	9.0	A
Oat (forage - fodder)	bromoxynil octanoate	3.21	1	9.0	A
Olive	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	1.62	9	2.9	A
Olive	alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	0.07	4	10.0	A
Olive	alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	0.99	8	7.5	A
Olive	alpha-isodecyl-omega-hydroxypoly(oxyethylene) phosphate	1.98	4	6.0	A
Olive	alpha-pinene beta-pinene copolymer	1.34	4	10.0	A
Olive	alpha-pinene beta-pinene copolymer	1.37	1	30.0	U
Olive	bacillus pumilus, strain qst 2808	0.5	2	0.3	A
Olive	copper hydroxide	7.27	10	33.6	A
Olive	copper hydroxide	0.43	1	30.0	U
Olive	copper oxide (ous)	11.41	2	3.5	A
Olive	copper oxychloride	8.06	10	33.6	A
Olive	copper oxychloride	0.48	1	30.0	U
Olive	dimethylpolysiloxane	0.06	4	6.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Olive	ethephon	0.04	2	0.5	A
Olive	glyphosate, potassium salt	3.1	1	4.0	A
Olive	kaolin	901.46	22	35.64	A
Olive	kaolin	41.56	2	115.0	U
Olive	mineral oil	53.28	10	40.0	A
Olive	mineral oil	0.48	1	30.0	U
Olive	n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	0.06	1	30.0	U
Olive	poly(oxy-1,2-ethanediyl), alpha-isodecyl-omega-hydroxy-phosphate, potassium salt	0.72	4	6.0	A
Olive	poly-i-para-menthene	0.05	1	0.1	A
Olive	pyrethrins	0.14	4	6.0	A
Olive	qst 713 strain of dried bacillus subtilis	1.97	3	0.45	A
Olive	spinosad	0.11	138	182.8	A
Olive	spinosad	0.06	125	12,072.0	U
Olive	sulfur	4.8	1	0.15	A
Olive	sulfur	8.0	1	30.0	U
Olive	tall oil fatty acids	0.02	1	30.0	U
Onion, green	clarified hydrophobic extract of neem oil	0.15	1	0.01	A
Parsley	azadirachtin	0.01	9	3,107.0	S
Parsley	bacillus pumilus, strain qst 2808	0.03	18	5,242.0	S
Parsley	chromobacterium subtsugae strain praa4-1	0.24	28	7,942.0	S
Parsley	clarified hydrophobic extract of neem oil	1.19	38	11,449.0	S
Parsley	qst 713 strain of dried bacillus subtilis	0.01	16	4,800.0	S
Parsley	reynoutria sachalinensis	0.02	5	1,807.0	S
Pastureland	2,4-d, dimethylamine salt	79.02	1	65.0	A
Pastureland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	5.04	3	95.0	A
Pastureland	aminopyralid, triisopropanolamine salt	1.45	1	12.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pastureland	benzoic acid	0.32	1	56.0	A
Pastureland	butyl alcohol	0.62	3	95.0	A
Pastureland	clopyralid, monoethanolamine salt	1,080.07	3	123.0	A
Pastureland	dimethyl alkyl tertiary amines	0.35	1	56.0	A
Pastureland	dimethylpolysiloxane	0.01	3	95.0	A
Pastureland	glyphosate, isopropylamine salt	3.35	2	1.5	A
Pastureland	methyated soybean oil	12.38	1	56.0	A
Pastureland	pyraflufen-ethyl	0.12	3	28.0	A
Peach	alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	1.15	4	4.5	A
Peach	bentonite	0.15	1	1.0	A
Peach	casein	0.01	1	1.0	A
Peach	copper hydroxide	10.75	5	5.5	A
Peach	copper oxide (ous)	104.81	6	14.5	A
Peach	copper oxychloride	11.91	5	5.5	A
Peach	iprodione	0.25	1	1.0	A
Peach	lactose	0.01	1	1.0	A
Peach	mineral oil	7.91	2	1.25	A
Peach	qst 713 strain of dried bacillus subtilis	1.98	5	5.5	A
Peach	spinetoram	0.09	1	1.0	A
Peach	sulfur	80.0	2	10.0	A
Peach	ulocladium oudemansii (u3 strain)	18.0	4	20.0	A
Pear	bacillus thuringiensis (berliner)	0.01	12	1.15	A
Pear	bacillus thuringiensis (berliner), subsp. kurstaki strain sa-12	5.1	2	7.7	A
Pear	copper hydroxide	<0.01	1	0.1	A
Pear	copper oxychloride	<0.01	1	0.1	A
Pear	lime-sulfur	6.14	1	1.0	A
Pear	lime-sulfur	0.66	3	14.0	U
Pear	mineral oil	47.81	16	9.95	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pear	mineral oil	0.68	3	14.0	U
Pear	spinosad	<0.01	1	0.1	A
Peas	pyrethrins	<0.01	2	0.2	A
Pepper, fruiting	bacillus pumilus, strain qst 2808	0.01	1	1,200.0	S
Pepper, fruiting	bacillus thuringiensis (berliner)	<0.01	1	1,200.0	S
Pepper, fruiting	chromobacterium subtsugae strain praa4-1	0.04	1	1,200.0	S
Pepper, fruiting	clarified hydrophobic extract of neem oil	0.17	2	2,400.0	S
Pepper, fruiting	qst 713 strain of dried bacillus subtilis	<0.01	1	1,200.0	S
Plum	copper oxide (ous)	2.82	1	0.25	A
Pome fruit	bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	0.54	2	2.0	A
Pome fruit	copper hydroxide	0.32	1	1.0	A
Pome fruit	copper oxychloride	0.36	1	1.0	A
Pome fruit	hydrogen peroxide	44.22	11	52.01	A
Pome fruit	mineral oil	25.95	3	3.0	A
Pome fruit	peroxyacetic acid	3.26	11	52.01	A
Pome fruit	pyrethrins	0.12	2	2.0	A
Prune	copper oxide (ous)	0.03	1	0.01	A
Public health	alpha-isooctadecyl-omega-hydroxypoly(oxyethylene)	95.1	N/A	N/A	N/A
Public health	bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins	183.73	N/A	N/A	N/A
Public health	bacillus thuringiensis, subsp. israelensis, strain am 65-52	259.73	N/A	N/A	N/A
Public health	d-trans allethrin	0.01	N/A	N/A	N/A
Public health	etofenprox	26.87	N/A	N/A	N/A
Public health	methoprene	2,167.17	N/A	N/A	N/A
Public health	mineral oil	1,753.66	N/A	N/A	N/A
Public health	penthiopyrad	1.59	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Public health	petroleum distillates	5.09	N/A	N/A	N/A
Public health	phenothrin	0.01	N/A	N/A	N/A
Public health	piperonyl butoxide	122.99	N/A	N/A	N/A
Public health	piperonyl butoxide, other related	1.27	N/A	N/A	N/A
Public health	pyrethrins	24.0	N/A	N/A	N/A
Public health	s-methoprene	76.31	N/A	N/A	N/A
Public health	silica aerogel	36.7	N/A	N/A	N/A
Public health	spinosad	13.73	N/A	N/A	N/A
Rangeland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	41.65	1	500.0	A
Rangeland	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	1.08	3	600.0	A
Rangeland	ammonium nitrate	0.14	3	600.0	A
Rangeland	ammonium sulfate	3.44	3	600.0	A
Rangeland	benzoic acid	3.07	2	540.0	A
Rangeland	butyl alcohol	5.15	1	500.0	A
Rangeland	butyl lactate	0.91	1	40.0	A
Rangeland	clopyralid, monoethanolamine salt	102.76	3	542.0	A
Rangeland	copper hydroxide	0.01	1	200.0	A
Rangeland	copper oxychloride	0.01	1	200.0	A
Rangeland	dimethyl alkyl tertiary amines	3.36	2	540.0	A
Rangeland	dimethylpolysiloxane	0.05	1	500.0	A
Rangeland	glyphosate, isopropylamine salt	13.77	5	29.0	A
Rangeland	glyphosate, potassium salt	51.84	6	620.0	A
Rangeland	methylated soybean oil	117.44	2	540.0	A
Rangeland	poly-i-para-menthene	0.04	1	200.0	A
Rangeland	polyoxyethylene sorbitan monolaurate	8.0	1	40.0	A
Rangeland	silica filled polydimethylsiloxane	<0.01	1	40.0	A
Rangeland	triclopyr, butoxyethyl ester	7.14	8	120.0	A
Rangeland	triclopyr, triethylamine salt	0.5	1	2.5	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Regulatory pest control	sulfur dioxide	11.88	N/A	N/A	N/A
Research commodity	strychnine	0.07	11	5.5	A
Residential	fipronil	0.25	N/A	960.0	S
Rights of way	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	2.68	N/A	N/A	N/A
Rights of way	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	211.3	N/A	N/A	N/A
Rights of way	alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	0.21	N/A	N/A	N/A
Rights of way	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	1.32	N/A	N/A	N/A
Rights of way	alpha-undecyl-omega-hydroxypoly(oxyethylene)	15.28	N/A	N/A	N/A
Rights of way	aminocyclopyrachlor, potassium salt	3.35	N/A	N/A	N/A
Rights of way	aminopyralid, triisopropanolamine salt	15.56	N/A	N/A	N/A
Rights of way	ammonium nitrate	0.17	N/A	N/A	N/A
Rights of way	ammonium nonanoate	437.45	N/A	N/A	N/A
Rights of way	ammonium sulfate	4.2	N/A	N/A	N/A
Rights of way	bifenazate	3.14	N/A	N/A	N/A
Rights of way	borax	645.41	N/A	N/A	N/A
Rights of way	butyl alcohol	0.29	N/A	N/A	N/A
Rights of way	capric acid	9.6	N/A	N/A	N/A
Rights of way	caprylic acid	14.1	N/A	N/A	N/A
Rights of way	chlorsulfuron	3.09	N/A	N/A	N/A
Rights of way	clethodim	3.66	N/A	N/A	N/A
Rights of way	clopyralid, monoethanolamine salt	3.46	N/A	N/A	N/A
Rights of way	copper carbonate, basic	0.6	N/A	N/A	N/A
Rights of way	copper hydroxide	44.91	N/A	N/A	N/A
Rights of way	dichlobenil	435.05	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	diethylene glycol	0.42	N/A	N/A	N/A
Rights of way	dimethylpolysiloxane	0.01	N/A	N/A	N/A
Rights of way	diquat dibromide	10.02	N/A	N/A	N/A
Rights of way	disodium octaborate anhydrous	0.91	N/A	N/A	N/A
Rights of way	dithiopyr	131.49	N/A	N/A	N/A
Rights of way	diuron	0.84	N/A	N/A	N/A
Rights of way	fatty acids derived from tallow	0.08	N/A	N/A	N/A
Rights of way	fatty acids, mixed	37.09	N/A	N/A	N/A
Rights of way	flumioxazin	8.57	N/A	N/A	N/A
Rights of way	fluroxypyr, 1-methylheptyl ester	0.4	N/A	N/A	N/A
Rights of way	glufosinate-ammonium	6.64	N/A	N/A	N/A
Rights of way	glyphosate, dimethylamine salt	1,234.32	N/A	N/A	N/A
Rights of way	glyphosate, isopropylamine salt	795.08	N/A	N/A	N/A
Rights of way	glyphosate, potassium salt	16.55	N/A	N/A	N/A
Rights of way	imazapyr, isopropylamine salt	206.23	N/A	N/A	N/A
Rights of way	indaziflam	17.55	N/A	N/A	N/A
Rights of way	isopropylamine dodecylbenzene sulfonate	1.7	N/A	N/A	N/A
Rights of way	isoxaben	233.45	N/A	N/A	N/A
Rights of way	lecithin	28.38	N/A	N/A	N/A
Rights of way	metam-sodium	495.16	N/A	N/A	N/A
Rights of way	methyl silicone resins	0.66	N/A	N/A	N/A
Rights of way	methylated soybean oil	189.42	N/A	N/A	N/A
Rights of way	mineral oil	276.46	N/A	N/A	N/A
Rights of way	oleic acid, ethyl ester	1.69	N/A	N/A	N/A
Rights of way	oleic acid, methyl ester	7.58	N/A	N/A	N/A
Rights of way	oryzalin	3.12	N/A	N/A	N/A
Rights of way	pendimethalin	5.66	N/A	N/A	N/A
Rights of way	poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	0.13	N/A	N/A	N/A
Rights of way	polyacrylamide polymer	9.47	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	polyethylene glycol stearate	0.42	N/A	N/A	N/A
Rights of way	polyoxyethylene polyoxypropylene	<0.01	N/A	N/A	N/A
Rights of way	polyoxyethylene sorbitan monooleate	6.79	N/A	N/A	N/A
Rights of way	polyoxyethylene sorbitan trioleate	44.73	N/A	N/A	N/A
Rights of way	rimsulfuron	0.37	N/A	N/A	N/A
Rights of way	sodium dioctylsulfosuccinate	<0.01	N/A	N/A	N/A
Rights of way	sulfentrazone	12.35	N/A	N/A	N/A
Rights of way	sulfometuron-methyl	0.97	N/A	N/A	N/A
Rights of way	tebuthiuron	0.28	N/A	N/A	N/A
Rights of way	triclopyr choline	488.31	N/A	N/A	N/A
Rights of way	triclopyr, butoxyethyl ester	56.12	N/A	N/A	N/A
Rights of way	triclopyr, triethylamine salt	56.35	N/A	N/A	N/A
Rights of way	vinyl ester polymer	0.39	N/A	N/A	N/A
Ryegrass	2,4-d, dimethylamine salt	6.75	1	6.0	A
Ryegrass	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	1.0	1	6.0	A
Ryegrass	benzoic acid	0.03	1	6.0	A
Ryegrass	butyl alcohol	0.12	1	6.0	A
Ryegrass	dimethyl alkyl tertiary amines	0.04	1	6.0	A
Ryegrass	dimethylpolysiloxane	<0.01	1	6.0	A
Ryegrass	methylated soybean oil	1.3	1	6.0	A
Squash	bacillus pumilus, strain qst 2808	0.01	5	1,000.0	S
Squash	chromobacterium subtsugae strain praa4-1	0.06	10	2,000.0	S
Squash	clarified hydrophobic extract of neem oil	0.2	10	2,000.0	S
Squash	permethrin	1.81	2	12.0	A
Squash	qst 713 strain of dried bacillus subtilis	<0.01	5	1,000.0	S
Stone fruit	bacillus thuringiensis (berliner)	0.01	5	0.8	A
Stone fruit	copper hydroxide	0.09	4	0.5	A
Stone fruit	copper oxychloride	0.1	4	0.5	A
Stone fruit	lime-sulfur	2.81	4	45.1	U

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Stone fruit	mineral oil	1.37	8	1.4	A
Stone fruit	mineral oil	2.91	4	45.1	U
Strawberry	bifenazate	1.0	1	4.0	A
Strawberry	iron phosphate	0.02	1	0.2	A
Structural pest control	4-aminopyridine	0.03	N/A	N/A	N/A
Structural pest control	abamectin	0.04	N/A	N/A	N/A
Structural pest control	abamectin, other related	<0.01	N/A	N/A	N/A
Structural pest control	acephate	7.56	N/A	N/A	N/A
Structural pest control	acetamiprid	0.19	N/A	N/A	N/A
Structural pest control	alkyl (50% ^c 14, 40% ^c 12, 10% ^c 16) dimethylbenzyl ammonium chloride	0.48	N/A	N/A	N/A
Structural pest control	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	2.95	N/A	N/A	N/A
Structural pest control	alpha-cypermethrin	16.15	N/A	N/A	N/A
Structural pest control	azadirachtin	0.02	N/A	N/A	N/A
Structural pest control	beauveria bassiana strain gha	0.06	N/A	N/A	N/A
Structural pest control	beta-cyfluthrin	64.02	N/A	N/A	N/A
Structural pest control	bifenthrin	489.73	N/A	N/A	N/A
Structural pest control	borax	14.11	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	boric acid	1,664.03	N/A	N/A	N/A
Structural pest control	brodifacoum	0.01	N/A	N/A	N/A
Structural pest control	bromacil	2.0	N/A	N/A	N/A
Structural pest control	bromadiolone	0.04	N/A	N/A	N/A
Structural pest control	bromethalin	0.81	N/A	N/A	N/A
Structural pest control	capsicum oleoresin	<0.01	N/A	N/A	N/A
Structural pest control	chlorantraniliprole	25.11	N/A	N/A	N/A
Structural pest control	chlorfenapyr	113.09	N/A	N/A	N/A
Structural pest control	chlorophacinone	<0.01	N/A	N/A	N/A
Structural pest control	chloropicrin	1.75	N/A	N/A	N/A
Structural pest control	chlorothalonil	2.68	N/A	N/A	N/A
Structural pest control	cholecalciferol	5.44	N/A	N/A	N/A
Structural pest control	clothianidin	0.41	N/A	N/A	N/A
Structural pest control	copper hydroxide	2.62	N/A	N/A	N/A
Structural pest control	copper naphthenate	1.98	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	copper oxychloride	2.86	N/A	N/A	N/A
Structural pest control	coyote urine	0.26	N/A	N/A	N/A
Structural pest control	cyfluthrin	2.74	N/A	N/A	N/A
Structural pest control	cypermethrin	3.51	N/A	N/A	N/A
Structural pest control	d-allethrin	<0.01	N/A	N/A	N/A
Structural pest control	d-allethrin, other related	<0.01	N/A	N/A	N/A
Structural pest control	d-trans allethrin	0.02	N/A	N/A	N/A
Structural pest control	deltamethrin	147.65	N/A	N/A	N/A
Structural pest control	diatomaceous earth	19.34	N/A	N/A	N/A
Structural pest control	didecyl dimethyl ammonium chloride	0.79	N/A	N/A	N/A
Structural pest control	difethialone	0.01	N/A	N/A	N/A
Structural pest control	dinotefuran	143.28	N/A	N/A	N/A
Structural pest control	dioctyl dimethyl ammonium chloride	0.04	N/A	N/A	N/A
Structural pest control	diphacinone	0.34	N/A	N/A	N/A
Structural pest control	diphacinone, sodium salt	0.01	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	disodium octaborate tetrahydrate	3,448.05	N/A	N/A	N/A
Structural pest control	dithiopyr	2.0	N/A	N/A	N/A
Structural pest control	diuron	2.0	N/A	N/A	N/A
Structural pest control	emamectin benzoate	0.01	N/A	N/A	N/A
Structural pest control	esfenvalerate	25.26	N/A	N/A	N/A
Structural pest control	ethephon	0.48	N/A	N/A	N/A
Structural pest control	etofenprox	0.42	N/A	N/A	N/A
Structural pest control	fipronil	133.96	N/A	N/A	N/A
Structural pest control	fox urine	0.11	N/A	N/A	N/A
Structural pest control	gamma-cyhalothrin	4.77	N/A	N/A	N/A
Structural pest control	glufosinate-ammonium	<0.01	N/A	N/A	N/A
Structural pest control	glyphosate, isopropylamine salt	68.03	N/A	N/A	N/A
Structural pest control	hexaflumuron	0.06	N/A	N/A	N/A
Structural pest control	hydramethylnon	0.59	N/A	N/A	N/A
Structural pest control	hydroprene	2.1	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	imidacloprid	335.88	N/A	N/A	N/A
Structural pest control	indole	<0.01	N/A	N/A	N/A
Structural pest control	indoxacarb	1.73	N/A	N/A	N/A
Structural pest control	iodine	1.0	N/A	N/A	N/A
Structural pest control	iron phosphate	0.29	N/A	N/A	N/A
Structural pest control	isopropyl alcohol	3.86	N/A	N/A	N/A
Structural pest control	isoxaben	2.06	N/A	N/A	N/A
Structural pest control	lambda-cyhalothrin	15.93	N/A	N/A	N/A
Structural pest control	limonene	47.42	N/A	N/A	N/A
Structural pest control	mancozeb	5.25	N/A	N/A	N/A
Structural pest control	mefenoxam	0.21	N/A	N/A	N/A
Structural pest control	mefenoxam, other related	0.01	N/A	N/A	N/A
Structural pest control	methoprene	0.05	N/A	N/A	N/A
Structural pest control	metofluthrin	0.01	N/A	N/A	N/A
Structural pest control	muscalure	0.1	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	n-octyl bicycloheptene dicarboximide	191.31	N/A	N/A	N/A
Structural pest control	novaluron	0.76	N/A	N/A	N/A
Structural pest control	noviflumuron	0.52	N/A	N/A	N/A
Structural pest control	octyl decyl dimethyl ammonium chloride	0.07	N/A	N/A	N/A
Structural pest control	organosilicone, poly oxyalkylene ether copolymer	1.43	N/A	N/A	N/A
Structural pest control	oryzalin	1.66	N/A	N/A	N/A
Structural pest control	permethrin	144.62	N/A	N/A	N/A
Structural pest control	permethrin, other related	<0.01	N/A	N/A	N/A
Structural pest control	petroleum distillates	0.13	N/A	N/A	N/A
Structural pest control	phenothrin	0.37	N/A	N/A	N/A
Structural pest control	phenothrin, other related	<0.01	N/A	N/A	N/A
Structural pest control	phenylethyl propionate	0.08	N/A	N/A	N/A
Structural pest control	piperonyl butoxide	207.49	N/A	N/A	N/A
Structural pest control	piperonyl butoxide, other related	43.37	N/A	N/A	N/A
Structural pest control	polyalkene oxide modified heptamethyl trisiloxane	0.07	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	potassium phosphite	46.73	N/A	N/A	N/A
Structural pest control	prallethrin	2.73	N/A	N/A	N/A
Structural pest control	propiconazole	0.4	N/A	N/A	N/A
Structural pest control	propoxur	0.02	N/A	N/A	N/A
Structural pest control	propylene glycol	0.5	N/A	N/A	N/A
Structural pest control	putrescent whole egg solids	0.01	N/A	N/A	N/A
Structural pest control	pyrethrins	79.37	N/A	N/A	N/A
Structural pest control	pyriproxyfen	8.03	N/A	N/A	N/A
Structural pest control	s-bioallethrin	<0.01	N/A	N/A	N/A
Structural pest control	s-methoprene	0.12	N/A	N/A	N/A
Structural pest control	silica aerogel	19.15	N/A	N/A	N/A
Structural pest control	sodium decyl sulfate	0.99	N/A	N/A	N/A
Structural pest control	sodium lauroampho acetate	0.75	N/A	N/A	N/A
Structural pest control	sodium lauryl sulfate	0.5	N/A	N/A	N/A
Structural pest control	strychnine	<0.01	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	sugar	0.02	N/A	N/A	N/A
Structural pest control	sulfuryl fluoride	36,901.65	N/A	N/A	N/A
Structural pest control	tetramethrin	0.09	N/A	N/A	N/A
Structural pest control	thiamethoxam	0.64	N/A	N/A	N/A
Structural pest control	thyme	<0.01	N/A	N/A	N/A
Structural pest control	thyme oil	<0.01	N/A	N/A	N/A
Structural pest control	trimethylamine	<0.01	N/A	N/A	N/A
Structural pest control	warfarin	<0.01	N/A	N/A	N/A
Structural pest control	yeast	<0.01	N/A	N/A	N/A
Structural pest control	z,e-9,12-tetradecadien-1-yl acetate	<0.01	N/A	N/A	N/A
Structural pest control	zinc phosphide	1.77	N/A	N/A	N/A
Swiss chard	pyrethrins	<0.01	2	0.2	A
Tomato	bacillus pumilus, strain qst 2808	0.01	1	1,400.0	S
Tomato	bacillus thuringiensis (berliner)	0.01	4	3,450.0	S
Tomato	chromobacterium subtsugae strain praa4-1	0.06	3	2,050.0	S
Tomato	clarified hydrophobic extract of neem oil	0.45	5	4,850.0	S
Tomato	qst 713 strain of dried bacillus subtilis	0.01	4	3,450.0	S
Uncultivated ag	2,4-d, dimethylamine salt	189.9	1	225.0	A
Uncultivated ag	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	8.38	N/A	25.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Uncultivated ag	alkyl (c8,c10) polyglucoside	9.23	N/A	9.0	A
Uncultivated ag	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	3.17	1	225.0	A
Uncultivated ag	ammonium nitrate	0.61	1	225.5	A
Uncultivated ag	ammonium sulfate	110.79	1	288.25	A
Uncultivated ag	benzoic acid	1.28	1	225.0	A
Uncultivated ag	dimethyl alkyl tertiary amines	1.4	1	225.0	A
Uncultivated ag	dimethylpolysiloxane	0.05	N/A	56.25	A
Uncultivated ag	flumioxazin	20.72	N/A	54.5	A
Uncultivated ag	glufosinate-ammonium	3.77	1	2.5	A
Uncultivated ag	glyphosate, isopropylamine salt	211.16	6	29.85	A
Uncultivated ag	glyphosate, potassium salt	443.44	4	333.25	A
Uncultivated ag	indaziflam	0.14	1	3.0	A
Uncultivated ag	methylated soybean oil	52.89	3	229.5	A
Uncultivated ag	oleic acid, ethyl ester	5.52	N/A	7.0	A
Uncultivated ag	oleic acid, methyl ester	2.37	1	2.5	A
Uncultivated ag	oxyfluorfen	4.13	2	4.5	A
Uncultivated ag	polyethylene glycol stearate	1.38	N/A	7.0	A
Uncultivated ag	polyoxyethylene sorbitan mixed fatty acid esters	25.9	N/A	19.0	A
Uncultivated ag	sethoxydim	1.12	3	7.0	A
Uncultivated non-ag	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	15.2	N/A	31.0	A
Uncultivated non-ag	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	3.38	N/A	98.0	A
Uncultivated non-ag	aminopyralid, triisopropanolamine salt	2.77	N/A	31.0	A
Uncultivated non-ag	ammonium nitrate	0.44	N/A	98.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Uncultivated non-ag	ammonium sulfate	10.8	N/A	98.0	A
Uncultivated non-ag	butyl alcohol	1.88	N/A	31.0	A
Uncultivated non-ag	dimethylpolysiloxane	0.02	N/A	31.0	A
Uncultivated non-ag	glyphosate, isopropylamine salt	50.12	N/A	98.0	A
Uncultivated non-ag	triclopyr, butoxyethyl ester	8.33	N/A	17.0	A
Unknown	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	1.26	1	6.26	A
Unknown	alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	0.68	1	6.26	A
Unknown	bacillus pumilus, strain qst 2808	0.63	3	10.55	A
Unknown	flutriafol	0.06	1	0.8	A
Unknown	mineral oil	66.24	3	12.52	A
Unknown	poly-i-para-menthene	1.02	2	4.29	A
Unknown	potassium bicarbonate	25.67	1	6.26	A
Unknown	qst 713 strain of dried bacillus subtilis	6.14	4	18.78	A
Unknown	sulfur	13.73	2	4.29	A
Vertebrate control	cholecalciferol	<0.01	N/A	N/A	N/A
Walnut	glyphosate, potassium salt	1.29	1	0.12	A
Walnut	malathion	12.27	1	10.0	A
Water (industrial)	2-methyl-4-isothiazolin-3-one	1.12	N/A	49.0	U
Water (industrial)	5-chloro-2-methyl-4-isothiazolin-3-one	3.19	N/A	49.0	U
Water (industrial)	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	0.21	N/A	3.0	A
Water (industrial)	alpha-undecyl-omega-hydroxypoly(oxyethylene)	5.04	N/A	115.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Water (industrial)	chlorine dioxide	0.75	N/A	2.0	A
Water (industrial)	chlorine dioxide	0.75	N/A	2.0	U
Water (industrial)	copper ethanolamine complexes, mixed	391.52	N/A	116.0	A
Water (industrial)	copper sulfate (pentahydrate)	36.59	N/A	13.75	A
Water (industrial)	diquat dibromide	334.69	N/A	45.25	A
Water (industrial)	endothall, dipotassium salt	93.07	N/A	7.5	A
Water (industrial)	fatty acids, c16-c18 and c18-unsaturated, methyl esters	7.56	N/A	115.0	A
Water (industrial)	fluridone	7.45	N/A	31.0	A
Water (industrial)	glutaraldehyde	269.64	N/A	2.0	A
Water (industrial)	glutaraldehyde	100.74	N/A	96.0	U
Water (industrial)	glyphosate, isopropylamine salt	141.76	N/A	50.0	A
Water (industrial)	hydrogen peroxide	138.41	N/A	6.5	A
Water (industrial)	lecithin	0.75	N/A	3.0	A
Water (industrial)	limonene	37.79	N/A	115.0	A
Water (industrial)	paclobutrazol	0.46	N/A	3.0	A
Water (industrial)	peroxyacetic acid	31.89	N/A	6.5	A
Water (industrial)	propionic acid	0.75	N/A	3.0	A
Water (industrial)	sodium bromide	49.81	N/A	1.0	A
Water (industrial)	sodium bromide	54.76	N/A	2.0	U
Water (industrial)	sodium carbonate peroxyhydrate	758.63	N/A	114.0	A
Water (industrial)	sodium hypochlorite	34.32	N/A	1.0	A
Water (industrial)	sodium hypochlorite	37.73	N/A	2.0	U
Water (industrial)	triclopyr, butoxyethyl ester	2.96	N/A	2.0	A
Water area	acid blue 9, diammonium salt	2.33	1	1.0	A
Water area	acid blue 9, diammonium salt	9.3	N/A	2.0	U
Water area	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	6.72	1	22.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Water area	bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins	187.74	N/A	354.0	A
Water area	bacillus thuringiensis, subsp. israelensis, strain am 65-52	605.27	N/A	1,783.0	A
Water area	benzoic acid	0.14	26	24.3	A
Water area	butyl alcohol	0.83	1	22.0	A
Water area	butyl lactate	5.53	26	24.3	A
Water area	chlorypyrifos	0.06	N/A	1.0	U
Water area	copper ethanolamine complexes, mixed	16.58	N/A	10.18	A
Water area	copper ethanolamine complexes, mixed	297.94	N/A	2,352.24	K
Water area	copper ethanolamine complexes, mixed	14.02	N/A	2.0	U
Water area	copper sulfate (pentahydrate)	575.23	1	53.36	A
Water area	dimethyl alkyl tertiary amines	0.15	26	24.3	A
Water area	dimethylpolysiloxane	0.01	1	22.0	A
Water area	diquat dibromide	194.18	29	30.52	A
Water area	endothall, mono [n,n-dimethyl alkylamine] salt	4.53	N/A	0.5	A
Water area	flumioxazin	0.48	N/A	6.0	A
Water area	fluridone	1.35	N/A	4.48	A
Water area	fluridone	7.12	N/A	2,613.6	K
Water area	glyphosate, isopropylamine salt	134.38	1	31.0	A
Water area	glyphosate, isopropylamine salt	32.54	N/A	1.0	U
Water area	glyphosate, potassium salt	4.14	1	1.0	A
Water area	hydrogen peroxide	297.13	N/A	131.02	U
Water area	methoprene	67.73	N/A	480.5	A
Water area	methylated soybean oil	5.31	26	24.3	A
Water area	peroxyacetic acid	202.59	N/A	131.02	U
Water area	polyoxyethylene sorbitan mixed fatty acid esters	18.39	N/A	6.0	A
Water area	polyoxyethylene sorbitan monolaurate	48.61	26	24.3	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Water area	resmethrin	0.01	N/A	1.0	U
Water area	s-methoprene	40.38	N/A	147.5	A
Water area	silica filled polydimethylsiloxane	0.03	26	24.3	A
Water area	tartrazine	0.19	1	1.0	A
Water area	tartrazine	0.77	N/A	2.0	U
Water systems - human potable/drinking	sodium hypochlorite	0.13	N/A	1.0	A
Wheat	2,4-d, dimethylamine salt	160.35	1	190.0	A
Wheat	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	31.65	1	190.0	A
Wheat	benzoic acid	0.01	1	190.0	A
Wheat	bromoxynil heptanoate	89.47	1	260.0	A
Wheat	bromoxynil octanoate	92.78	1	260.0	A
Wheat	butyl alcohol	3.92	1	190.0	A
Wheat	dimethyl alkyl tertiary amines	0.01	1	190.0	A
Wheat	dimethylpolysiloxane	0.04	1	190.0	A
Wheat	methylated soybean oil	0.22	1	190.0	A
Wheat	pyroxsulam	2.52	2	430.0	A