

2020 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	brodifacoum	<0.01	N/A	583.58	A
Animal premise	brodifacoum	<0.01	1	32,332.0	S
Animal premise	brodifacoum	<0.01	N/A	2,332.0	U
Animal premise	bromadiolone	<0.01	N/A	1,167.16	A
Animal premise	bromadiolone	0.02	87	3,155,247.0	S
Animal premise	bromadiolone	0.01	N/A	5,913.0	U
Animal premise	bromethalin	<0.01	26	910,000.0	S
Animal premise	cholecalciferol	0.02	2	60,000.0	S
Animal premise	difethialone	<0.01	N/A	1,750.68	A
Animal premise	difethialone	<0.01	N/A	5,830.0	S
Animal premise	difethialone	<0.01	N/A	6,996.0	U
Animal premise	potassium peroxymonosulfate	9.96	N/A	173,800.0	S
Animal premise	sodium chloride	0.7	N/A	173,800.0	S
Apple	acetamiprid	7.66	8	104.0	A
Apple	alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	0.69	4	8.0	A
Apple	alpha-pinene beta-pinene copolymer	0.5	1	2.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Apple	azadirachtin	0.19	3	4.5	A
Apple	bacillus pumilus, strain qst 2808	0.24	2	3.5	A
Apple	bacillus thuringiensis (berliner)	0.02	11	1.9	A
Apple	bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	804.38	92	799.5	A
Apple	calcium chloride	0.26	8	34.5	A
Apple	carbaryl	6.02	1	10.0	A
Apple	chlorantraniliprole	10.02	8	116.0	A
Apple	chromobacterium subtsugae strain praa4-1	22.5	4	25.0	A
Apple	citric acid	0.71	8	34.5	A
Apple	copper hydroxide	297.05	36	286.3	A
Apple	copper oxide (ous)	4.82	6	5.5	A
Apple	copper oxychloride	288.27	33	273.8	A
Apple	diazinon	13.0	3	6.0	A
Apple	e,e-8,10-dodecadien-1-ol	0.32	2	2.25	A
Apple	alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	0.03	1	2.0	A
Apple	esfenvalerate	2.77	4	40.0	A
Apple	glyphosate, isopropylamine salt	3.38	1	10.0	A
Apple	hydrogen peroxide	228.08	11	46.0	A
Apple	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	2.9	8	34.5	A
Apple	kaolin	16,624.05	74	541.3	A
Apple	lauryl alcohol	0.18	2	2.25	A
Apple	lime-sulfur	8,949.21	154	1,113.9	A
Apple	mancozeb	443.25	14	196.0	A
Apple	methoxyfenozide	3.39	1	10.0	A
Apple	mineral oil	18,425.68	95	640.77	A
Apple	myclobutanil	16.74	13	134.5	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Apple	myristyl alcohol	0.04	2	2.25	A
Apple	peroxyacetic acid	16.83	11	46.0	A
Apple	petroleum oil, unclassified	56.3	2	8.0	A
Apple	phosmet	6.65	4	5.8	A
Apple	polyacrylamide, polyethylene glycol mixture	0.01	2	6.0	A
Apple	pyrethrins	0.4	1	10.0	A
Apple	pyriproxyfen	0.98	1	10.0	A
Apple	spinetoram	12.03	7	110.0	A
Apple	spinosad	63.81	37	233.3	A
Apple	streptomycin sulfate	0.06	1	0.5	A
Apple	sulfur	9,132.51	188	1,367.3	A
Apple	thiophanate-methyl	84.7	7	66.0	A
Apple	trifloxystrobin	11.06	8	140.0	A
Arugula	bacillus pumilus, strain qst 2808	0.01	4	1,050.0	S
Arugula	chromobacterium subtsugae strain praa4-1	0.33	21	6,575.0	S
Arugula	clarified hydrophobic extract of neem oil	1.99	28	8,800.0	S
Arugula	qst 713 strain of dried bacillus subtilis	0.08	40	13,325.0	S
Basil, sweet	azadirachtin	<0.01	1	160.0	S
Basil, sweet	bacillus pumilus, strain qst 2808	<0.01	2	290.0	S
Basil, sweet	chromobacterium subtsugae strain praa4-1	0.27	15	2,232.0	S
Basil, sweet	clarified hydrophobic extract of neem oil	0.18	3	280.0	S
Basil, sweet	qst 713 strain of dried bacillus subtilis	0.03	16	2,221.0	S
Basil, sweet	reynoutria sachalinensis	<0.01	1	160.0	S
Beehive	thymol	0.66	2	8.0	U
Beet	pyrethrins	0.02	1	1,200.0	S
Blackberry	oleic acid, ethyl ester	1.55	N/A	4.5	A
Blackberry	polyoxyethylene dioleate	0.27	N/A	4.5	A
Blackberry	polyoxyethylene sorbitan monooleate	0.08	N/A	4.5	A
Blackberry	triclopyr choline	2.14	N/A	4.5	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Blueberry	hydrogen peroxide	0.62	2	1.5	A
Blueberry	peroxyacetic acid	0.05	2	1.5	A
Blueberry	streptomyces lydicus wyec 108	<0.01	6	3.76	A
Broccoli	bacillus pumilus, strain qst 2808	<0.01	3	175.0	S
Broccoli	chromobacterium subtsugae strain praa4-1	0.02	8	650.0	S
Broccoli	clarified hydrophobic extract of neem oil	0.74	15	2,175.0	S
Broccoli	pyrethrins	<0.01	1	0.1	A
Broccoli	qst 713 strain of dried bacillus subtilis	0.02	14	2,150.0	S
Cannabis (all or unspecified)	alkyl (50% ^{c14} , 40% ^{c12} , 10% ^{c16}) dimethylbenzyl ammonium chloride	0.08	1	510.0	S
Cannabis (all or unspecified)	alkyl (60% ^{c14} , 25% ^{c12} , 15% ^{c16}) dimethylbenzyl ammonium chloride	0.01	2	2,101.0	S
Cannabis (all or unspecified)	alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	0.59	8	56,885.0	S
Cannabis (all or unspecified)	azadirachtin	0.1	6	6.0	A
Cannabis (all or unspecified)	azadirachtin	5.37	512	976,847.0	S
Cannabis (all or unspecified)	azadirachtin	0.01	12	6,450.0	U
Cannabis (all or unspecified)	bacillus amyloliquefaciens strain d747	151.32	78	796,634.0	S
Cannabis (all or unspecified)	bacillus pumilus, strain qst 2808	0.01	2	652.0	S
Cannabis (all or unspecified)	bacillus thuringiensis, subsp. aizawai, strain abts-1857	1.08	3	2.0	A
Cannabis (all or unspecified)	bacillus thuringiensis, subsp. aizawai, strain abts-1857	4.95	11	257,180.0	S
Cannabis (all or unspecified)	bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	0.04	12	18,279.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Cannabis (all or unspecified)	bacillus thuringiensis, subsp. israelensis, strain am 65-52	32.01	39	85,150.0	S
Cannabis (all or unspecified)	bacillus thuringiensis (berliner), subsp. kurstaki, serotype 3a,3b	0.11	2	2.0	A
Cannabis (all or unspecified)	bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	3.41	17	145,994.0	S
Cannabis (all or unspecified)	bacillus thuringiensis, subsp. kurstaki, strain hd-1	0.21	1	1.0	A
Cannabis (all or unspecified)	bacillus thuringiensis (berliner), subsp. kurstaki strain sa-12	12.42	1	38,200.0	S
Cannabis (all or unspecified)	beauveria bassiana strain gha	27.95	79	217,422.0	S
Cannabis (all or unspecified)	beauveria bassiana strain ant-03	0.2	1	1.0	A
Cannabis (all or unspecified)	beauveria bassiana strain ppri 5339	2.69	130	194,133.0	S
Cannabis (all or unspecified)	burkholderia sp strain a396 cells and fermentation media	47.64	10	7.58	A
Cannabis (all or unspecified)	burkholderia sp strain a396 cells and fermentation media	1,434.17	972	1,872,619.0	S
Cannabis (all or unspecified)	chromobacterium subtsugae strain praa4-1	14.16	63	337,067.0	S
Cannabis (all or unspecified)	clarified hydrophobic extract of neem oil	8.06	4	3.5	A
Cannabis (all or unspecified)	clarified hydrophobic extract of neem oil	28.81	75	52,022.0	S
Cannabis (all or unspecified)	didecyl dimethyl ammonium chloride	0.06	1	510.0	S
Cannabis (all or unspecified)	ethyl alcohol	<0.01	2	2,101.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Cannabis (all or unspecified)	hydrogen peroxide	17.65	48	105,725.0	S
Cannabis (all or unspecified)	iba	0.08	174	84,000.0	S
Cannabis (all or unspecified)	margosa oil	0.04	2	3,108.0	S
Cannabis (all or unspecified)	mineral oil	2.96	3	1.25	A
Cannabis (all or unspecified)	mineral oil	12.06	6	65,893.0	S
Cannabis (all or unspecified)	naa	0.04	174	84,000.0	S
Cannabis (all or unspecified)	paecilomyces fumosoroseus apopka strain 97	8.22	100	256,148.0	S
Cannabis (all or unspecified)	peroxyacetic acid	0.06	5	7,755.0	S
Cannabis (all or unspecified)	potash soap	36.01	89	135,022.0	S
Cannabis (all or unspecified)	potassium bicarbonate	16.84	66	135,400.0	S
Cannabis (all or unspecified)	potassium phosphite	55.91	190	336,994.0	S
Cannabis (all or unspecified)	potassium silicate	1.22	25	28,486.0	S
Cannabis (all or unspecified)	pyrethrins	0.41	221	309,433.0	S
Cannabis (all or unspecified)	qst 713 strain of dried bacillus subtilis	1.56	101	212,586.0	S
Cannabis (all or unspecified)	reynoutria sachalinensis	0.19	7	7.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Cannabis (all or unspecified)	reynoutria sachalinensis	22.49	402	1,351,488.0	S
Cannabis (all or unspecified)	sodium carbonate	<0.01	2	2,101.0	S
Cannabis (all or unspecified)	sodium chlorite	0.04	1	8,320.0	S
Cannabis (all or unspecified)	spinosad	<0.01	1	0.5	A
Cannabis (all or unspecified)	streptomyces lydicus wyec 108	<0.01	24	17,350.0	S
Cannabis (all or unspecified)	sulfur	39.39	19	312,271.0	S
Cannabis (all or unspecified)	sulfur	4.96	8	7,034.0	U
Cannabis (all or unspecified)	trichoderma harzianum rifai strain krl-ag2	<0.01	1	300.0	S
Cannabis (all or unspecified)	trichoderma virens strain g-41	<0.01	1	300.0	S
Carrot	bacillus pumilus, strain qst 2808	<0.01	3	620.0	S
Carrot	chromobacterium subtsugae strain praa4-1	0.03	6	1,240.0	S
Carrot	clarified hydrophobic extract of neem oil	0.44	9	3,480.0	S
Carrot	qst 713 strain of dried bacillus subtilis	0.01	8	3,180.0	S
Cauliflower	bacillus pumilus, strain qst 2808	<0.01	2	500.0	S
Cauliflower	chromobacterium subtsugae strain praa4-1	0.03	4	1,000.0	S
Cauliflower	clarified hydrophobic extract of neem oil	0.1	4	1,000.0	S
Cauliflower	pyrethrins	<0.01	1	0.1	A
Cauliflower	qst 713 strain of dried bacillus subtilis	<0.01	2	500.0	S
Cherry	copper hydroxide	<0.01	2	0.2	A
Cherry	copper oxychloride	<0.01	2	0.2	A
Cherry	mineral oil	0.18	4	0.23	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Chicory	bacillus pumilus, strain qst 2808	0.01	3	1,400.0	S
Chicory	chromobacterium subtsugae strain praa4-1	0.08	7	3,300.0	S
Chicory	clarified hydrophobic extract of neem oil	1.38	19	7,100.0	S
Chicory	qst 713 strain of dried bacillus subtilis	0.04	18	6,500.0	S
Chinese amaranth (chinese spinach, tampala, yin choy)	bacillus pumilus, strain qst 2808	<0.01	1	50.0	S
Chinese amaranth (chinese spinach, tampala, yin choy)	chromobacterium subtsugae strain praa4-1	0.29	14	700.0	S
Chinese amaranth (chinese spinach, tampala, yin choy)	clarified hydrophobic extract of neem oil	0.01	1	25.0	S
Chinese amaranth (chinese spinach, tampala, yin choy)	qst 713 strain of dried bacillus subtilis	0.02	14	675.0	S
Cole crop	iron phosphate	<0.01	1	120.0	S
Commodity fumigation	sulfur dioxide	382.66	N/A	N/A	N/A
Corn, human consumption	acetic acid	1.28	1	8.0	A
Corn, human consumption	chlorantraniliprole	0.06	1	8.0	A
Corn, human consumption	lambda-cyhalothrin	0.03	1	8.0	A
Cucumber	chromobacterium subtsugae strain praa4-1	0.14	6	864.0	S
Cucumber	qst 713 strain of dried bacillus subtilis	0.01	5	720.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Cucumber	reynoutria sachalinensis	<0.01	1	144.0	S
Dandelion green	bacillus pumilus, strain qst 2808	<0.01	3	660.0	S
Dandelion green	chromobacterium subtsugae strain praa4-1	0.27	18	4,925.0	S
Dandelion green	clarified hydrophobic extract of neem oil	2.0	28	11,275.0	S
Dandelion green	qst 713 strain of dried bacillus subtilis	0.08	38	14,390.0	S
Eggplant	bacillus pumilus, strain qst 2808	<0.01	1	300.0	S
Eggplant	chromobacterium subtsugae strain praa4-1	0.22	10	3,000.0	S
Eggplant	clarified hydrophobic extract of neem oil	0.17	2	600.0	S
Eggplant	qst 713 strain of dried bacillus subtilis	0.02	10	3,000.0	S
Eggplant	reynoutria sachalinensis	<0.01	1	300.0	S
Farm/ag building	bromadiolone	<0.01	N/A	583.0	U
Farm/ag building	difethialone	<0.01	N/A	1,166.0	U
Fava bean	bacillus pumilus, strain qst 2808	<0.01	2	600.0	S
Fava bean	chromobacterium subtsugae strain praa4-1	0.05	5	1,500.0	S
Fava bean	clarified hydrophobic extract of neem oil	1.6	22	5,880.0	S
Fava bean	qst 713 strain of dried bacillus subtilis	0.05	20	5,280.0	S
Forest, timberland	glyphosate, isopropylamine salt	11.28	2	51.5	A
Forest, timberland	imazapyr, isopropylamine salt	91.29	9	155.5	A
Forest, timberland	methyated soybean oil	25.77	3	55.5	A
Forest, timberland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	4.83	3	55.5	A
Forest, timberland	polyalkene oxide modified heptamethyl trisiloxane	1.29	3	55.5	A
Forest, timberland	triclopyr, triethylamine salt	25.19	1	4.0	A
Fumigation, other	cyflufenamid	0.03	1	1.0	A
Fumigation, other	cyprodinil	0.28	1	1.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Fumigation, other	fludioxonil	0.19	1	1.0	A
Fumigation, other	myclobutanil	0.06	1	1.0	A
Fumigation, other	pyriofenone	0.08	1	1.0	A
Fumigation, other	qst 713 strain of dried bacillus subtilis	0.79	1	1.0	A
Fumigation, other	quinoxifen	0.1	1	1.0	A
Fumigation, other	sulfur dioxide	11.88	6	1,200.0	U
Fumigation, other	sulfur dioxide	12,910.76	N/A	N/A	N/A
Golf course turf	chlorothalonil	17.98	N/A	105,000.0	S
Golf course turf	clopyralid, monoethanolamine salt	0.03	N/A	35,000.0	S
Golf course turf	mineral oil	79.9	N/A	175,000.0	S
Grape	alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	3.81	2	44.0	A
Grape	fluopyram	2.42	1	22.0	A
Grape	metrafenone	6.45	1	22.0	A
Grape	myclobutanil	0.6	N/A	6.0	A
Grape	quinoxifen	2.11	1	22.0	A
Grape	sulfur	356.4	3	66.0	A
Grape	tebuconazole	2.42	1	22.0	A
Grape, wine	abamectin	2.87	14	184.21	A
Grape, wine	acetamiprid	514.31	521	7,451.48	A
Grape, wine	acetic acid	0.45	1	0.7	A
Grape, wine	alpha-alkylaryl-omega-hydroxypoly(oxyethylene)	25.64	26	269.8	A
Grape, wine	alkyl (50%c14, 40%c12, 10%c16) dimethylbenzyl ammonium chloride	<0.01	1	9.0	A
Grape, wine	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	1,788.72	2,523	19,135.91	A
Grape, wine	alpha-alkyl (c9-c16)-omega-hydroxypoly(oxyethylene)	16.76	8	89.56	A
Grape, wine	alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	32.3	4	116.99	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	4,591.8	2,562	42,240.92	A
Grape, wine	alpha-pinene beta-pinene copolymer	1,264.5	677	7,918.48	A
Grape, wine	alkyl (c8,c10) polyglucoside	2,477.5	963	11,838.54	A
Grape, wine	allyloxypolyethylene glycol acetate	78.43	80	1,577.33	A
Grape, wine	aluminum phosphide	4.84	2	14.0	A
Grape, wine	ammonium nitrate	5,369.0	3,331	26,925.96	A
Grape, wine	ammonium propionate	24.74	30	210.64	A
Grape, wine	ammonium sulfate	14,065.23	3,524	27,681.53	A
Grape, wine	aureobasidium pullulans strain dsm 14940	1.52	3	7.9	A
Grape, wine	aureobasidium pullulans strain dsm 14941	1.52	3	7.9	A
Grape, wine	azadirachtin	0.08	2	1.18	A
Grape, wine	azoxystrobin	958.74	396	5,189.51	A
Grape, wine	bacillus amyloliquefaciens strain d747	153.59	6	56.9	A
Grape, wine	bacillus pumilus, strain qst 2808	936.91	1,159	13,198.29	A
Grape, wine	bacillus amyloliquefaciens strain mbi 600	1.81	3	31.93	A
Grape, wine	bacillus thuringiensis (berliner)	0.32	1	10.0	A
Grape, wine	bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	59.06	16	86.85	A
Grape, wine	benzoic acid	76.22	1,662	15,625.24	A
Grape, wine	beta-conglutin	271.37	47	473.54	A
Grape, wine	bifenazate	638.0	55	2,005.89	A
Grape, wine	n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	22.42	343	3,877.84	A
Grape, wine	boscalid	1,147.75	438	4,756.2	A
Grape, wine	buprofezin	45.3	5	66.14	A
Grape, wine	butyl alcohol	1,474.54	2,000	37,740.07	A
Grape, wine	butyl lactate	571.73	430	11,043.33	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	calcium chloride	40.34	396	1,101.52	A
Grape, wine	calcium hydroxide	37.41	6	82.25	A
Grape, wine	capric acid	411.86	45	106.51	A
Grape, wine	caprylic acid	604.92	45	106.51	A
Grape, wine	carbo methoxy ether cellulose, sodium salt	26.76	668	8,793.71	A
Grape, wine	carfentrazone-ethyl	122.46	613	6,061.81	A
Grape, wine	castor oil ethoxylate	1,809.72	1,236	22,311.53	A
Grape, wine	chlorantraniliprole	110.8	5	464.38	A
Grape, wine	chromobacterium subtsugae strain praa4-1	68.31	19	108.44	A
Grape, wine	citric acid	142.84	451	1,679.61	A
Grape, wine	clethodim	10.71	11	127.99	A
Grape, wine	clothianidin	276.77	128	2,866.15	A
Grape, wine	copper hydroxide	4,601.19	1,010	15,333.66	A
Grape, wine	copper oxide (ous)	13,826.99	1,734	15,114.78	A
Grape, wine	copper oxychloride	4,556.53	976	14,862.71	A
Grape, wine	copper salts of fatty and rosin acids	1.22	2	2.0	A
Grape, wine	copper sulfate (basic)	483.72	13	602.6	A
Grape, wine	corn syrup	102.04	31	636.0	A
Grape, wine	cyflufenamid	552.19	1,224	22,403.56	A
Grape, wine	cyflumetofen	98.4	28	963.83	A
Grape, wine	cyprodinil	6,869.88	2,565	28,761.75	A
Grape, wine	1,3-dichloropropene	31,318.2	3	94.35	A
Grape, wine	didecyl dimethyl ammonium chloride	<0.01	1	9.0	A
Grape, wine	diethylene glycol	13.32	6	35.79	A
Grape, wine	difenoconazole	1,593.92	1,537	21,334.93	A
Grape, wine	dimethyl alkyl tertiary amines	83.22	1,662	15,625.24	A
Grape, wine	3,7-dimethyl-6-octen-1-ol	0.38	4	39.86	A
Grape, wine	dimethylpolysiloxane	132.05	2,881	42,766.09	A
Grape, wine	dimethyl silicone fluid emulsion	58.59	324	4,983.08	A
Grape, wine	dinotefuran	206.52	75	1,595.04	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	dioctyl dimethyl ammonium chloride	<0.01	1	9.0	A
Grape, wine	diphacinone	0.01	4	32.54	A
Grape, wine	diquat dibromide	17.06	3	19.31	A
Grape, wine	alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	60.77	417	5,239.1	A
Grape, wine	edta, tetrasodium salt	0.02	1	1.0	A
Grape, wine	endosulfan	120.75	2	161.0	A
Grape, wine	ethylene glycol	0.14	2	2.0	A
Grape, wine	etoxazole	69.11	36	514.54	A
Grape, wine	farnesol	0.15	4	39.86	A
Grape, wine	fatty acids, methyl esters	154.01	47	225.97	A
Grape, wine	fatty acids, mixed	5.49	6	54.0	A
Grape, wine	fatty acids, c16-c18 and c18-unsaturated, methyl esters	23.14	58	275.35	A
Grape, wine	fenarimol	0.05	2	0.2	A
Grape, wine	fenhexamid	8,319.18	975	17,553.6	A
Grape, wine	flazasulfuron	233.66	854	8,108.63	A
Grape, wine	fluazifop-butyl	15.48	5	106.5	A
Grape, wine	fluazifop-p-butyl	291.32	131	1,136.8	A
Grape, wine	fludioxonil	789.33	556	3,728.98	A
Grape, wine	flumioxazin	3,328.96	1,627	13,673.25	A
Grape, wine	fluopyram	3,217.36	2,444	30,686.64	A
Grape, wine	flupyradifurone	145.63	46	1,219.87	A
Grape, wine	flutriafol	1,495.48	939	18,510.81	A
Grape, wine	fluxapyroxad	2.69	1	30.0	A
Grape, wine	forchlorfenuron	0.49	16	82.12	A
Grape, wine	garlic	0.55	2	14.0	A
Grape, wine	geraniol	0.38	4	39.86	A
Grape, wine	glufosinate-ammonium	18,277.84	2,719	20,556.22	A
Grape, wine	glycerol	59.99	73	559.55	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	glyphosate, isopropylamine salt	10,156.67	820	7,205.78	A
Grape, wine	glyphosate, potassium salt	32,350.67	2,014	19,848.34	A
Grape, wine	(z,e)-7,11-hexadecadien-1-yl acetate	0.33	3	16.01	A
Grape, wine	(z,z)-7,11-hexadecadien-1-yl acetate	0.33	3	16.01	A
Grape, wine	hexythiazox	2.49	2	21.84	A
Grape, wine	hydrogen peroxide	1,213.51	75	544.88	A
Grape, wine	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	17,881.44	7,028	79,872.66	A
Grape, wine	imidacloprid	3,273.27	575	9,631.08	A
Grape, wine	indaziflam	485.81	1,459	9,959.92	A
Grape, wine	iprodione	9.98	1	20.0	A
Grape, wine	alpha-isodecyl-omega-hydroxypoly(oxyethylene)	13.88	58	275.35	A
Grape, wine	isopropyl alcohol	1.93	7	26.25	A
Grape, wine	isoxaben	7.86	5	8.42	A
Grape, wine	kaolin	8,537.02	46	688.3	A
Grape, wine	kresoxim-methyl	139.56	84	1,541.3	A
Grape, wine	lavandulyl senecioate	1,249.41	472	13,352.38	A
Grape, wine	lecithin	34.52	26	338.14	A
Grape, wine	lime-sulfur	11,726.69	74	463.58	A
Grape, wine	low molecular weight paraffinic oil	36.38	25	2,446.01	A
Grape, wine	malathion	67.56	1	37.19	A
Grape, wine	mancozeb	3.38	2	4.0	A
Grape, wine	metaflumizone	0.23	15	243.44	A
Grape, wine	methoxyfenozide	287.93	52	1,343.8	A
Grape, wine	methylated soybean oil	9,489.29	2,483	23,906.91	A
Grape, wine	methyl silicone resins	516.18	573	3,961.95	A
Grape, wine	metrafenone	5,587.08	986	19,553.74	A
Grape, wine	mineral oil	249,521.88	4,976	56,477.38	A
Grape, wine	modified phthalic glycerol alkyd resin	5.48	2	22.13	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	myclobutanil	833.17	516	8,588.02	A
Grape, wine	myrothecium verrucaria, dried fermentation solids & solubles, strain aarc-0255	1,597.13	23	232.34	A
Grape, wine	nerolidol	0.38	4	39.86	A
Grape, wine	4-nonylphenol, formaldehyde resin, propoxylated	2,493.04	1,377	27,312.34	A
Grape, wine	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	13,064.23	2,947	53,152.13	A
Grape, wine	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	37.16	67	388.79	A
Grape, wine	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	111.78	91	512.41	A
Grape, wine	novaluron	0.03	1	1.5	A
Grape, wine	octyl decyl dimethyl ammonium chloride	<0.01	1	9.0	A
Grape, wine	alpha-octylphenyl-omega-hydroxypoly(oxyethylene)	2.92	2	8.25	A
Grape, wine	oleic acid, ethyl ester	2,991.51	189	5,899.22	A
Grape, wine	oleic acid, methyl ester	1,154.54	91	1,687.89	A
Grape, wine	oryzalin	966.39	27	323.4	A
Grape, wine	oxyfluorfen	3,254.59	539	5,417.58	A
Grape, wine	pendimethalin	7,880.07	548	3,736.87	A
Grape, wine	peroxyacetic acid	79.96	66	481.74	A
Grape, wine	petroleum hydrocarbons	4.58	4	26.35	A
Grape, wine	petroleum oil, paraffin based	2.54	2	20.0	A
Grape, wine	phosphoric acid	71.75	21	499.7	A
Grape, wine	piperonyl butoxide	0.02	4	26.35	A
Grape, wine	polyacrylamide polymer	1.22	16	299.7	A
Grape, wine	polyalkene oxide modified heptamethyl trisiloxane	212.86	31	312.07	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	polyalkyleneoxide modified polydimethylsiloxane	120.93	152	2,428.21	A
Grape, wine	polybutenes	0.13	6	4.61	A
Grape, wine	polyether modified polysiloxane	140.72	82	885.3	A
Grape, wine	polyethoxylated castor oil	1,577.77	772	7,335.72	A
Grape, wine	polyethylene glycol	96.56	58	1,018.47	A
Grape, wine	polyethylene glycol diacetate	7.13	80	1,577.33	A
Grape, wine	polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	68.18	77	689.05	A
Grape, wine	polyethylene glycol stearate	747.88	189	5,899.22	A
Grape, wine	polyoxyethylene polyol fatty acid esters	32.3	4	116.99	A
Grape, wine	poly-i-para-menthene	252.45	101	1,305.06	A
Grape, wine	polymerized acrylic acid	3.6	3	57.43	A
Grape, wine	polymerized pinene	345.3	66	957.5	A
Grape, wine	polyoxin d, zinc salt	178.48	642	4,263.34	A
Grape, wine	poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	160.16	714	7,060.37	A
Grape, wine	polyoxyethylene polyoxypropylene	18.93	2	18.0	A
Grape, wine	poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	97.96	568	3,912.95	A
Grape, wine	polyoxyethylene sorbitol, mixed ether ester	0.52	2	20.0	A
Grape, wine	polyoxyethylene sorbitan mixed fatty acid esters	4.44	1	7.72	A
Grape, wine	polyoxyethylene sorbitan monolaurate	5,028.35	430	11,043.33	A
Grape, wine	polypropylene glycol	0.35	14	207.53	A
Grape, wine	potash soap	0.98	1	0.59	A
Grape, wine	potassium bicarbonate	5,327.33	250	3,048.34	A
Grape, wine	potassium carbonate	0.02	1	1.0	A
Grape, wine	potassium peroxymonosulfate	1.42	3	5.3	A
Grape, wine	potassium phosphite	62.6	2	18.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	propionic acid	4.53	3	32.7	A
Grape, wine	propylene glycol	57.75	96	921.1	A
Grape, wine	pydiflumetofen	13.56	11	107.0	A
Grape, wine	pyraclostrobin	585.67	439	4,786.2	A
Grape, wine	pyraflufen-ethyl	3.13	114	1,068.36	A
Grape, wine	pyrethrins	6.62	46	211.87	A
Grape, wine	pyrimethanil	3,134.97	957	9,659.75	A
Grape, wine	pyriofenone	1,089.39	1,547	11,948.71	A
Grape, wine	qst 713 strain of dried bacillus subtilis	2,706.36	1,280	13,631.79	A
Grape, wine	quillaja	63.53	675	8,833.09	A
Grape, wine	quinoxifen	4,174.22	2,421	45,434.31	A
Grape, wine	reynoutria sachalinensis	512.86	550	2,468.34	A
Grape, wine	rimsulfuron	189.34	1,077	5,209.77	A
Grape, wine	sethoxydim	111.09	101	458.45	A
Grape, wine	silicone	8.49	35	1,002.16	A
Grape, wine	silica filled polydimethylsiloxane	3.24	441	11,238.86	A
Grape, wine	simazine	309.34	12	124.9	A
Grape, wine	sodium bisulfate	9.38	4	23.5	A
Grape, wine	sodium carbonate	0.02	1	1.0	A
Grape, wine	sodium hydroxide	14.08	21	499.7	A
Grape, wine	sodium hypochlorite	13.03	19	183.68	A
Grape, wine	sodium polyacrylate	0.44	27	153.21	A
Grape, wine	sodium xylene sulfonate	0.4	2	11.5	A
Grape, wine	spinosad	0.3	9	68.48	A
Grape, wine	spirotetramat	1,819.5	734	17,142.83	A
Grape, wine	starch	0.02	11	218.0	A
Grape, wine	strychnine	5.53	45	638.18	A
Grape, wine	styrene butadiene copolymer	23.53	36	407.78	A
Grape, wine	sulfur	1,912,347.02	14,791	274,104.92	A
Grape, wine	sulfur dioxide	3.0	N/A	300.0	U

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	tall oil	72.17	112	4,484.65	A
Grape, wine	tall oil fatty acids	1,200.12	1,160	12,026.07	A
Grape, wine	tebuconazole	2,639.92	1,688	25,747.14	A
Grape, wine	tetraconazole	359.03	503	9,210.82	A
Grape, wine	thiamethoxam	234.21	112	2,393.7	A
Grape, wine	thiophanate-methyl	947.95	223	2,115.41	A
Grape, wine	trichoderma icc 012 asperellum	0.02	3	5.04	A
Grape, wine	trichoderma icc 080 gamsii	0.02	3	5.04	A
Grape, wine	triclopyr choline	1.12	1	1.0	A
Grape, wine	alpha-tridecyl-omega-hydroxypoly(oxyethanol) phosphate	0.77	3	23.5	A
Grape, wine	trifloxystrobin	1,260.92	1,015	11,152.74	A
Grape, wine	triflumizole	224.54	75	1,153.91	A
Grape, wine	alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	39.52	88	694.1	A
Grape, wine	alpha-undecyl-omega-hydroxypoly(oxyethylene)	9.25	7	48.0	A
Grape, wine	urea	51.55	58	275.35	A
Grape, wine	urea dihydrogen sulfate	0.46	3	23.5	A
Grape, wine	vinyl polymer	0.1	4	18.37	A
Grape, wine	yucca schidigera	1.65	2	14.0	A
Herb, spice	azadirachtin	<0.01	1	1,450.0	S
Herb, spice	bacillus pumilus, strain qst 2808	0.03	3	6,000.0	S
Herb, spice	chromobacterium subtsugae strain praa4-1	0.56	16	31,800.0	S
Herb, spice	clarified hydrophobic extract of neem oil	5.35	29	52,310.0	S
Herb, spice	magnesium phosphide	0.42	N/A	9,000.0	S
Herb, spice	magnesium phosphide	0.14	N/A	1.0	U
Herb, spice	qst 713 strain of dried bacillus subtilis	0.1	38	68,310.0	S
Herb, spice	reynoutria sachalinensis	<0.01	1	2,200.0	S
Herb, spice	spinosad	<0.01	1	0.25	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Industrial waste disposal systems, disposal water	fluridone	0.5	N/A	151,192.71	C
Kale	bacillus pumilus, strain qst 2808	<0.01	4	905.0	S
Kale	chromobacterium subtsugae strain praa4-1	0.31	20	2,710.0	S
Kale	clarified hydrophobic extract of neem oil	1.93	27	7,155.0	S
Kale	pyrethrins	0.02	2	2.0	A
Kale	qst 713 strain of dried bacillus subtilis	0.08	38	7,710.0	S
Landscape maintenance	abamectin	0.19	N/A	N/A	N/A
Landscape maintenance	acetamiprid	2.39	N/A	N/A	N/A
Landscape maintenance	acibenzolar-s-methyl	0.03	1	1.5	A
Landscape maintenance	acibenzolar-s-methyl	1.04	N/A	N/A	N/A
Landscape maintenance	alpha-alkyl (c9-c16)-omega-hydroxypoly(oxyethylene)	1.26	N/A	N/A	N/A
Landscape maintenance	alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	0.39	N/A	N/A	N/A
Landscape maintenance	alkyl (c8,c10) polyglucoside	0.12	1	236,500.0	S
Landscape maintenance	alkyl (c8,c10) polyglucoside	312.47	N/A	N/A	N/A
Landscape maintenance	aluminum phosphide	1.53	N/A	N/A	N/A
Landscape maintenance	aminocyclopyrachlor, potassium salt	0.31	N/A	N/A	N/A
Landscape maintenance	aminopyralid, triisopropanolamine salt	40.33	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	ammonium nonanoate	490.88	N/A	N/A	N/A
Landscape maintenance	ammonium nitrate	47.04	N/A	N/A	N/A
Landscape maintenance	ammonium sulfate	94.08	N/A	N/A	N/A
Landscape maintenance	azadirachtin	0.13	N/A	N/A	N/A
Landscape maintenance	azoxystrobin	1.17	2	3.0	A
Landscape maintenance	azoxystrobin	36.26	N/A	N/A	N/A
Landscape maintenance	bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	30.49	N/A	N/A	N/A
Landscape maintenance	benzoic acid	0.57	11	101.1	A
Landscape maintenance	benzoic acid	0.09	3	873,000.0	S
Landscape maintenance	benzoic acid	0.13	N/A	N/A	N/A
Landscape maintenance	bifenthrin	9.1	N/A	N/A	N/A
Landscape maintenance	borax	<0.01	N/A	N/A	N/A
Landscape maintenance	bromacil	1.4	N/A	N/A	N/A
Landscape maintenance	bromadiolone	0.04	N/A	N/A	N/A
Landscape maintenance	bromethalin	0.04	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	butyl alcohol	0.03	N/A	N/A	N/A
Landscape maintenance	butyl lactate	9.55	N/A	N/A	N/A
Landscape maintenance	calcium chloride	0.24	N/A	N/A	N/A
Landscape maintenance	capric acid	147.09	N/A	N/A	N/A
Landscape maintenance	caprylic acid	216.04	N/A	N/A	N/A
Landscape maintenance	carfentrazone-ethyl	8.86	N/A	N/A	N/A
Landscape maintenance	chlorantraniliprole	0.42	1	1.5	A
Landscape maintenance	chlorantraniliprole	14.36	N/A	N/A	N/A
Landscape maintenance	chlorophacinone	<0.01	N/A	N/A	N/A
Landscape maintenance	chlorothalonil	378.7	15	40.9	A
Landscape maintenance	chlorothalonil	1,639.29	N/A	N/A	N/A
Landscape maintenance	chlorpyrifos	3.17	N/A	N/A	N/A
Landscape maintenance	chlorsulfuron	1.27	N/A	N/A	N/A
Landscape maintenance	cholecalciferol	<0.01	N/A	N/A	N/A
Landscape maintenance	chromobacterium subtsugae strain praa4-1	0.98	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	citric acid	0.66	N/A	N/A	N/A
Landscape maintenance	clarified hydrophobic extract of neem oil	0.52	N/A	N/A	N/A
Landscape maintenance	clethodim	0.96	N/A	N/A	N/A
Landscape maintenance	clopyralid, monoethanolamine salt	0.03	1	2.5	A
Landscape maintenance	clopyralid, monoethanolamine salt	16.81	N/A	N/A	N/A
Landscape maintenance	clopyralid, triethylamine salt	4.6	N/A	N/A	N/A
Landscape maintenance	clothianidin	2.85	N/A	N/A	N/A
Landscape maintenance	coconut diethanolamide	0.08	N/A	N/A	N/A
Landscape maintenance	copper ammonium complex	2.25	N/A	N/A	N/A
Landscape maintenance	copper ethanolamine complexes, mixed	232.35	N/A	N/A	N/A
Landscape maintenance	copper hydroxide	120.6	N/A	N/A	N/A
Landscape maintenance	copper oxide (ous)	24.11	N/A	N/A	N/A
Landscape maintenance	copper oxychloride	130.42	N/A	N/A	N/A
Landscape maintenance	copper sulfate (pentahydrate)	16.46	N/A	N/A	N/A
Landscape maintenance	coyote urine	0.42	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	cyazofamid	3.37	N/A	N/A	N/A
Landscape maintenance	beta-cyfluthrin	28.02	N/A	N/A	N/A
Landscape maintenance	2,4-d	5.2	N/A	N/A	N/A
Landscape maintenance	2,4-d, dimethylamine salt	1.24	N/A	N/A	N/A
Landscape maintenance	2,4-d, 2-ethylhexyl ester	197.17	N/A	N/A	N/A
Landscape maintenance	2,4-d, isooctyl ester	1.05	N/A	N/A	N/A
Landscape maintenance	ddvp	0.27	N/A	N/A	N/A
Landscape maintenance	ddvp, other related	0.02	N/A	N/A	N/A
Landscape maintenance	deltamethrin	0.01	N/A	N/A	N/A
Landscape maintenance	dicamba	12.82	N/A	N/A	N/A
Landscape maintenance	dicamba, dimethylamine salt	0.14	N/A	N/A	N/A
Landscape maintenance	diethylene glycol	0.18	1	236,500.0	S
Landscape maintenance	diethylene glycol	17.51	N/A	N/A	N/A
Landscape maintenance	difenoconazole	0.73	2	3.0	A
Landscape maintenance	difenoconazole	2.19	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	dikegulac sodium	16.05	N/A	N/A	N/A
Landscape maintenance	dimethyl alkyl tertiary amines	0.63	11	101.1	A
Landscape maintenance	dimethyl alkyl tertiary amines	0.09	3	873,000.0	S
Landscape maintenance	dimethyl alkyl tertiary amines	0.15	N/A	N/A	N/A
Landscape maintenance	dimethylpolysiloxane	0.82	N/A	N/A	N/A
Landscape maintenance	dinotefuran	0.41	N/A	N/A	N/A
Landscape maintenance	diphacinone	0.04	N/A	N/A	N/A
Landscape maintenance	diquat dibromide	80.16	N/A	N/A	N/A
Landscape maintenance	dithiopyr	1,278.37	N/A	N/A	N/A
Landscape maintenance	diuron	1.4	N/A	N/A	N/A
Landscape maintenance	dodecylbenzene sulfonic acid	0.36	N/A	N/A	N/A
Landscape maintenance	2,4-dp-p, dimethylamine salt	0.07	N/A	N/A	N/A
Landscape maintenance	2,4-dp-p, isooctyl ester	0.95	N/A	N/A	N/A
Landscape maintenance	edta, tetrasodium salt	0.02	N/A	N/A	N/A
Landscape maintenance	emamectin benzoate	0.21	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	esfenvalerate	0.31	N/A	N/A	N/A
Landscape maintenance	ethephon	19.96	2	5.4	A
Landscape maintenance	ethephon	339.46	N/A	N/A	N/A
Landscape maintenance	ethofumesate	199.31	N/A	N/A	N/A
Landscape maintenance	fatty acids, mixed	10.02	N/A	N/A	N/A
Landscape maintenance	fatty acids derived from tallow	0.16	N/A	N/A	N/A
Landscape maintenance	fenarimol	0.03	N/A	N/A	N/A
Landscape maintenance	ferric sodium edta	0.34	N/A	N/A	N/A
Landscape maintenance	fluazifop-p-butyl	0.09	1	2.0	A
Landscape maintenance	fluazifop-p-butyl	15.01	N/A	N/A	N/A
Landscape maintenance	fluazinam	36.92	N/A	N/A	N/A
Landscape maintenance	fludioxonil	1.5	2	6.9	A
Landscape maintenance	fludioxonil	18.1	N/A	N/A	N/A
Landscape maintenance	flumioxazin	0.91	N/A	N/A	N/A
Landscape maintenance	fluopyram	7.11	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	flupyradifurone	0.15	N/A	N/A	N/A
Landscape maintenance	flurprimidol	5.79	N/A	N/A	N/A
Landscape maintenance	flutolanil	38.5	4	7.0	A
Landscape maintenance	flutolanil	84.58	N/A	N/A	N/A
Landscape maintenance	fluxapyroxad	0.92	1	5.4	A
Landscape maintenance	fluxapyroxad	8.74	N/A	N/A	N/A
Landscape maintenance	fox urine	0.18	N/A	N/A	N/A
Landscape maintenance	free fatty acids and/or amine salts	7.52	N/A	N/A	N/A
Landscape maintenance	glufosinate-ammonium	562.68	N/A	N/A	N/A
Landscape maintenance	glycerol	1.32	1	236,500.0	S
Landscape maintenance	glyphosate, isopropylamine salt	3.05	2	4.5	A
Landscape maintenance	glyphosate, isopropylamine salt	2.18	1	236,500.0	S
Landscape maintenance	glyphosate, isopropylamine salt	3,084.23	N/A	N/A	N/A
Landscape maintenance	glyphosate, monoammonium salt	3.62	N/A	N/A	N/A
Landscape maintenance	glyphosate, potassium salt	733.17	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	halosulfuron-methyl	0.09	N/A	N/A	N/A
Landscape maintenance	heptyl butyrate	0.12	N/A	N/A	N/A
Landscape maintenance	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	11.55	N/A	N/A	N/A
Landscape maintenance	imazamox, ammonium salt	0.07	N/A	N/A	N/A
Landscape maintenance	imazapyr, isopropylamine salt	268.51	N/A	N/A	N/A
Landscape maintenance	imidacloprid	51.38	N/A	N/A	N/A
Landscape maintenance	indaziflam	2.92	N/A	N/A	N/A
Landscape maintenance	indoxacarb	2.1	N/A	N/A	N/A
Landscape maintenance	iprodione	14.99	3	4.5	A
Landscape maintenance	iprodione	185.23	N/A	N/A	N/A
Landscape maintenance	iron hedta	0.44	N/A	N/A	N/A
Landscape maintenance	iron phosphate	41.57	N/A	N/A	N/A
Landscape maintenance	isofetamid	1.81	N/A	N/A	N/A
Landscape maintenance	isopropyl alcohol	1.98	N/A	N/A	N/A
Landscape maintenance	isoxaben	219.72	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	lambda-cyhalothrin	0.12	N/A	N/A	N/A
Landscape maintenance	lecithin	37.18	11	101.1	A
Landscape maintenance	lecithin	3.39	1	400,000.0	S
Landscape maintenance	lecithin	25.37	N/A	N/A	N/A
Landscape maintenance	limonene	110.16	N/A	N/A	N/A
Landscape maintenance	malathion	0.29	N/A	N/A	N/A
Landscape maintenance	mancozeb	112.5	N/A	N/A	N/A
Landscape maintenance	mcpa, 2-ethyl hexyl ester	<0.01	N/A	N/A	N/A
Landscape maintenance	mcpa, isooctyl ester	0.15	N/A	N/A	N/A
Landscape maintenance	mcpp	2.33	N/A	N/A	N/A
Landscape maintenance	mcpp-p, dimethylamine salt	0.78	N/A	N/A	N/A
Landscape maintenance	mecoprop-p	45.26	N/A	N/A	N/A
Landscape maintenance	mefenoxam	0.92	1	1.5	A
Landscape maintenance	mefenoxam	6.64	N/A	N/A	N/A
Landscape maintenance	mefenoxam, other related	0.03	1	1.5	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	mefenoxam, other related	0.17	N/A	N/A	N/A
Landscape maintenance	mesotrione	3.72	N/A	N/A	N/A
Landscape maintenance	metconazole	3.0	N/A	N/A	N/A
Landscape maintenance	methylated soybean oil	86.68	22	202.2	A
Landscape maintenance	methylated soybean oil	9.19	4	1,273,000.0	S
Landscape maintenance	methylated soybean oil	19.82	N/A	N/A	N/A
Landscape maintenance	mineral oil	2,066.6	N/A	N/A	N/A
Landscape maintenance	msma	127.91	N/A	N/A	N/A
Landscape maintenance	myclobutanil	16.74	1	8.0	A
Landscape maintenance	myclobutanil	1.27	N/A	N/A	N/A
Landscape maintenance	naa, ammonium salt	1.35	N/A	N/A	N/A
Landscape maintenance	nonanoic acid	5.31	N/A	N/A	N/A
Landscape maintenance	nonanoic acid, other related	0.28	N/A	N/A	N/A
Landscape maintenance	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	11.75	11	101.1	A
Landscape maintenance	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	1.07	1	400,000.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	165.71	N/A	N/A	N/A
Landscape maintenance	n-octyl bicycloheptene dicarboximide	<0.01	N/A	N/A	N/A
Landscape maintenance	oleic acid, ethyl ester	11.72	N/A	N/A	N/A
Landscape maintenance	oleic acid, methyl ester	5.87	N/A	N/A	N/A
Landscape maintenance	organosilicone, poly oxyalkylene ether copolymer	15.76	N/A	N/A	N/A
Landscape maintenance	oryzalin	92.95	N/A	N/A	N/A
Landscape maintenance	oxadiazon	0.11	N/A	N/A	N/A
Landscape maintenance	oxyfluorfen	22.57	N/A	N/A	N/A
Landscape maintenance	paclobutrazol	23.64	N/A	N/A	N/A
Landscape maintenance	pcnb	205.35	N/A	N/A	N/A
Landscape maintenance	pendimethalin	362.55	N/A	N/A	N/A
Landscape maintenance	penoxsulam	0.31	2	16.3	A
Landscape maintenance	penoxsulam	2.01	N/A	N/A	N/A
Landscape maintenance	penthiopyrad	6.88	5	13.7	A
Landscape maintenance	penthiopyrad	30.61	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	permethrin	91.62	N/A	N/A	N/A
Landscape maintenance	permethrin, other related	<0.01	N/A	N/A	N/A
Landscape maintenance	petroleum oil, unclassified	3.25	N/A	N/A	N/A
Landscape maintenance	phosphoric acid	0.07	N/A	N/A	N/A
Landscape maintenance	piperonyl butoxide	9.9	N/A	N/A	N/A
Landscape maintenance	piperonyl butoxide, other related	1.11	N/A	N/A	N/A
Landscape maintenance	polyalkene oxide modified heptamethyl trisiloxane	24.6	N/A	N/A	N/A
Landscape maintenance	polyoxin d, zinc salt	2.71	N/A	N/A	N/A
Landscape maintenance	polyoxyethylene dioleate	2.05	N/A	N/A	N/A
Landscape maintenance	polyoxyethylene sorbitan monolaurate	84.02	N/A	N/A	N/A
Landscape maintenance	polyoxyethylene sorbitan monooleate	0.59	N/A	N/A	N/A
Landscape maintenance	polysorbate 65	0.03	N/A	N/A	N/A
Landscape maintenance	potash soap	0.11	N/A	N/A	N/A
Landscape maintenance	potassium phosphite	150.41	6	15.8	A
Landscape maintenance	potassium phosphite	8,050.91	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	prodiamine	16,296.22	N/A	N/A	N/A
Landscape maintenance	propiconazole	20.44	5	20.6	A
Landscape maintenance	propiconazole	64.17	N/A	N/A	N/A
Landscape maintenance	propylene glycol	25.34	N/A	N/A	N/A
Landscape maintenance	pyraclostrobin	1.84	1	5.4	A
Landscape maintenance	pyraclostrobin	16.99	N/A	N/A	N/A
Landscape maintenance	pyraflufen-ethyl	<0.01	N/A	N/A	N/A
Landscape maintenance	pyrethrins	1.1	N/A	N/A	N/A
Landscape maintenance	pyriproxyfen	0.7	N/A	N/A	N/A
Landscape maintenance	quinclorac, dimethylamine salt	78.39	11	91.9	A
Landscape maintenance	quinclorac, dimethylamine salt	8.01	1	400,000.0	S
Landscape maintenance	quinclorac, dimethylamine salt	25.21	N/A	N/A	N/A
Landscape maintenance	reynoutria sachalinensis	0.36	N/A	N/A	N/A
Landscape maintenance	rimsulfuron	0.36	N/A	N/A	N/A
Landscape maintenance	siduron	14.0	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	silicone defoamer	0.01	N/A	N/A	N/A
Landscape maintenance	silica filled polydimethylsiloxane	0.05	N/A	N/A	N/A
Landscape maintenance	sodium xylene sulfonate	0.11	N/A	N/A	N/A
Landscape maintenance	sorbitan trioleate	0.03	N/A	N/A	N/A
Landscape maintenance	spinosad	1.12	N/A	N/A	N/A
Landscape maintenance	strychnine	0.01	N/A	N/A	N/A
Landscape maintenance	sulfentrazone	0.02	N/A	N/A	N/A
Landscape maintenance	sulfometuron-methyl	2.7	N/A	N/A	N/A
Landscape maintenance	sulfur	3.53	N/A	N/A	N/A
Landscape maintenance	tall oil fatty acids	23.05	N/A	N/A	N/A
Landscape maintenance	tebuconazole	36.78	N/A	N/A	N/A
Landscape maintenance	alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	0.42	N/A	N/A	N/A
Landscape maintenance	tetrapotassium pyrophosphate	0.06	N/A	N/A	N/A
Landscape maintenance	thiamethoxam	7.5	N/A	N/A	N/A
Landscape maintenance	thiophanate-methyl	53.98	3	7.9	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	thiophanate-methyl	137.34	N/A	N/A	N/A
Landscape maintenance	topramezone	0.4	3	18.3	A
Landscape maintenance	topramezone	0.17	1	236,500.0	S
Landscape maintenance	topramezone	79.24	N/A	N/A	N/A
Landscape maintenance	triadimefon	27.8	N/A	N/A	N/A
Landscape maintenance	triclopyr, butoxyethyl ester	392.01	N/A	N/A	N/A
Landscape maintenance	triclopyr choline	203.1	N/A	N/A	N/A
Landscape maintenance	triclopyr, triethylamine salt	15.76	N/A	N/A	N/A
Landscape maintenance	triethanolamine	0.14	N/A	N/A	N/A
Landscape maintenance	trifloxystrobin	6.99	N/A	N/A	N/A
Landscape maintenance	trifluralin	8.0	N/A	N/A	N/A
Landscape maintenance	trinexapac-ethyl	0.13	1	2.5	A
Landscape maintenance	trinexapac-ethyl	62.9	N/A	N/A	N/A
Landscape maintenance	triticonazole	39.64	N/A	N/A	N/A
Landscape maintenance	alpha-undecyl-omega-hydroxypoly(oxyethylene)	33.61	11	101.1	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	alpha-undecyl-omega-hydroxypoly(oxyethylene)	3.07	1	400,000.0	S
Landscape maintenance	alpha-undecyl-omega-hydroxypoly(oxyethylene)	27.27	N/A	N/A	N/A
Landscape maintenance	zinc phosphide	0.22	N/A	N/A	N/A
Lettuce, head	bacillus pumilus, strain qst 2808	0.01	4	2,600.0	S
Lettuce, head	chromobacterium subtsugae strain praa4-1	0.36	21	18,800.0	S
Lettuce, head	clarified hydrophobic extract of neem oil	2.1	28	25,160.0	S
Lettuce, head	qst 713 strain of dried bacillus subtilis	0.08	40	39,360.0	S
Melon	pyrethrins	0.12	2	2.0	A
Mushroom	hydrogen peroxide	0.04	3	2,700.0	S
Mushroom	peroxyacetic acid	<0.01	3	2,700.0	S
Mustard	bacillus pumilus, strain qst 2808	<0.01	3	440.0	S
Mustard	chromobacterium subtsugae strain praa4-1	0.02	7	1,030.0	S
Mustard	clarified hydrophobic extract of neem oil	1.85	27	7,125.0	S
Mustard	qst 713 strain of dried bacillus subtilis	0.06	28	7,115.0	S
N-grnhs flower	abamectin	2.27	31	80.5	A
N-grnhs flower	abamectin	0.09	2	240,000.0	S
N-grnhs flower	acephate	275.97	22	114.0	A
N-grnhs flower	acephate	13.5	5	510,000.0	S
N-grnhs flower	acetamiprid	0.67	1	1.5	A
N-grnhs flower	allyloxypolyethylene glycol acetate	0.03	N/A	33.0	U
N-grnhs flower	bacillus amyloliquefaciens strain d747	116.22	2	240,000.0	S
N-grnhs flower	boscalid	2.39	3	4.5	A
N-grnhs flower	boscalid	1.54	2	195,000.0	S
N-grnhs flower	chlorfenapyr	0.87	3	3.5	A
N-grnhs flower	copper hydroxide	0.64	N/A	33.0	U
N-grnhs flower	copper oxychloride	0.71	N/A	33.0	U
N-grnhs flower	cyantraniliprole	1.69	5	7.5	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs flower	cyflumetofen	7.56	10	14.5	A
N-grnhs flower	cyprodinil	15.75	15	60.0	A
N-grnhs flower	dimethylpolysiloxane	0.1	18	25.0	A
N-grnhs flower	fenhexamid	7.0	5	7.5	A
N-grnhs flower	fludioxonil	10.5	15	60.0	A
N-grnhs flower	tau-fluvalinate	3.12	6	630,000.0	S
N-grnhs flower	fosetyl-al	3.0	1	1.5	A
N-grnhs flower	heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	855.86	91	499.5	A
N-grnhs flower	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	0.18	N/A	34.0	U
N-grnhs flower	imidacloprid	0.24	4	1.9	A
N-grnhs flower	imidacloprid	0.5	2	240,000.0	S
N-grnhs flower	imidacloprid	0.23	N/A	8.0	U
N-grnhs flower	iprodione	3.5	2	3.0	A
N-grnhs flower	iprodione	2.0	1	75,000.0	S
N-grnhs flower	malathion	0.36	4	1.0	A
N-grnhs flower	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	0.74	N/A	35.0	U
N-grnhs flower	oleic acid, methyl ester	0.46	N/A	33.0	U
N-grnhs flower	organosilicone, poly oxyalkylene ether copolymer	0.38	N/A	35.0	U
N-grnhs flower	piperalin	21.35	8	19.0	A
N-grnhs flower	polyalkene oxide modified heptamethyl trisiloxane	3.84	22	33.0	A
N-grnhs flower	polyethylene glycol diacetate	<0.01	N/A	33.0	U
N-grnhs flower	polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	3.25	18	25.0	A
N-grnhs flower	poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	163.02	91	499.5	A
N-grnhs flower	potassium phosphite	26.55	N/A	42.0	U

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs flower	propylene glycol	15.6	40	58.0	A
N-grnhs flower	propylene glycol	0.13	N/A	35.0	U
N-grnhs flower	pymetrozine	0.55	1	1.5	A
N-grnhs flower	pyraclostrobin	1.22	3	4.5	A
N-grnhs flower	pyraclostrobin	3.02	2	195,000.0	S
N-grnhs flower	pyridalyl	29.35	19	88.5	A
N-grnhs flower	spinosad	4.18	6	31.5	A
N-grnhs flower	spirotetramat	4.52	13	39.4	A
N-grnhs flower	starch	0.02	18	25.0	A
N-grnhs flower	styrene butadiene copolymer	21.1	40	58.0	A
N-grnhs flower	alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	9.26	40	58.0	A
N-grnhs plants in containers	abamectin	<0.01	2	0.06	A
N-grnhs plants in containers	alkyl (60%c14, 30%c16, 5%c12, 5%c18) dimethylbenzyl ammonium chloride	0.05	1	300.0	S
N-grnhs plants in containers	alkyl (68%c12, 32%c14) dimethylethylbenzyl ammonium chloride	0.05	1	300.0	S
N-grnhs plants in containers	clarified hydrophobic extract of neem oil	0.18	3	2,280.7	S
N-grnhs plants in containers	cyantraniliprole	0.32	1	93,852.0	U
N-grnhs plants in containers	dinotefuran	0.15	2	0.06	A
N-grnhs plants in containers	tau-fluvalinate	<0.01	4	570.0	S
N-grnhs plants in containers	tau-fluvalinate	<0.01	1	90.0	U
N-grnhs plants in containers	imidacloprid	<0.01	4	570.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs plants in containers	imidacloprid	<0.01	1	90.0	U
N-grnhs plants in containers	iron phosphate	0.01	2	1,300.0	S
N-grnhs plants in containers	mefenoxam	0.05	1	2,415.0	U
N-grnhs plants in containers	mefenoxam, other related	<0.01	1	2,415.0	U
N-grnhs plants in containers	metaldehyde	0.12	3	0.09	A
N-grnhs plants in containers	metaldehyde	0.03	1	300.0	S
N-grnhs plants in containers	metaldehyde	0.24	9	810.0	U
N-grnhs plants in containers	mineral oil	8.38	1	19,260.0	U
N-grnhs plants in containers	potash soap	11.71	2	18,000.0	U
N-grnhs plants in containers	potassium bicarbonate	0.64	2	6,000.0	S
N-grnhs plants in containers	potassium bicarbonate	2.92	1	15,125.0	U
N-grnhs plants in containers	qst 713 strain of dried bacillus subtilis	0.04	2	3,956.0	S
N-grnhs plants in containers	spinosad	<0.01	1	940.0	S
N-grnhs plants in containers	spirotetramat	0.01	2	5,400.0	S
N-grnhs plants in containers	tebuconazole	<0.01	4	570.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs plants in containers	tebuconazole	<0.01	1	90.0	U
N-grnhs plants in containers	thiophanate-methyl	0.12	9	207.0	S
N-grnhs transplants	abamectin	0.02	8	102,500.0	S
N-grnhs transplants	acephate	1.74	4	96,000.0	S
N-grnhs transplants	acetamiprid	0.17	6	71,095.0	S
N-grnhs transplants	azadirachtin	0.04	4	61,500.0	S
N-grnhs transplants	azoxystrobin	2.47	6	131,732.0	S
N-grnhs transplants	bifenazate	1.5	3	109,593.0	S
N-grnhs transplants	bifenthrin	0.14	2	46,000.0	S
N-grnhs transplants	boscalid	0.77	5	161,373.0	S
N-grnhs transplants	clothianidin	0.44	5	161,373.0	S
N-grnhs transplants	copper hydroxide	0.61	2	40,000.0	S
N-grnhs transplants	copper oxide (ous)	4.21	6	167,297.0	S
N-grnhs transplants	fenamidone	0.18	1	16,000.0	S
N-grnhs transplants	fenhexamid	3.63	9	341,928.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs transplants	fluopicolide	0.09	3	31,000.0	S
N-grnhs transplants	flupyradifurone	0.31	2	57,978.0	S
N-grnhs transplants	fosetyl-al	4.95	4	62,000.0	S
N-grnhs transplants	glyphosate, potassium salt	1.81	1	48,384.0	S
N-grnhs transplants	hydrogen peroxide	0.58	2	4,576.0	S
N-grnhs transplants	imidacloprid	0.85	10	325,593.0	S
N-grnhs transplants	iron phosphate	0.03	1	0.5	A
N-grnhs transplants	iron phosphate	1.13	4	214,424.0	S
N-grnhs transplants	mancozeb	0.28	1	10,000.0	S
N-grnhs transplants	mefenoxam	0.09	1	2,460.0	S
N-grnhs transplants	mefenoxam, other related	<0.01	1	2,460.0	S
N-grnhs transplants	mineral oil	33.06	12	173,206.0	S
N-grnhs transplants	potassium bicarbonate	11.69	9	297,659.0	S
N-grnhs transplants	potassium phosphite	3.01	3	109,593.0	S
N-grnhs transplants	pyraclostrobin	0.39	5	161,373.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs transplants	pyrethrins	0.17	10	129,957.0	S
N-grnhs transplants	qst 713 strain of dried bacillus subtilis	0.28	4	100,000.0	S
N-grnhs transplants	sodium carbonate peroxyhydrate	1.57	3	2,350.0	S
N-grnhs transplants	spinosad	0.34	8	323,024.0	S
N-grnhs transplants	spirotetramat	0.31	3	135,270.0	S
N-grnhs transplants	thiophanate-methyl	1.16	6	92,000.0	S
N-grnhs transplants	trifloxystrobin	0.11	1	54,729.0	S
N-outdr flower	acephate	1.94	1	1.0	A
N-outdr flower	bacillus pumilus, strain qst 2808	<0.01	4	450.0	S
N-outdr flower	chlorothalonil	8.43	1	10.0	A
N-outdr flower	chromobacterium subtsugae strain praa4-1	0.29	19	2,600.0	S
N-outdr flower	clarified hydrophobic extract of neem oil	1.93	27	7,800.0	S
N-outdr flower	copper hydroxide	2.31	1	5.5	A
N-outdr flower	dimethylpolysiloxane	0.01	2	2.0	A
N-outdr flower	glyphosate, isopropylamine salt	2.05	1	0.25	A
N-outdr flower	glyphosate, potassium salt	31.59	7	29.0	A
N-outdr flower	imidacloprid	0.2	2	15.5	A
N-outdr flower	iron phosphate	0.01	3	1,032.0	S
N-outdr flower	isoxaben	0.38	1	0.25	A
N-outdr flower	mancozeb	9.75	1	5.5	A
N-outdr flower	oxyfluorfen	6.38	6	22.75	A
N-outdr flower	permethrin	1.18	3	3.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-outdr flower	polyalkene oxide modified heptamethyl trisiloxane	0.16	2	2.0	A
N-outdr flower	polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	0.18	2	2.0	A
N-outdr flower	propylene glycol	0.74	4	4.0	A
N-outdr flower	qst 713 strain of dried bacillus subtilis	0.08	37	9,200.0	S
N-outdr flower	reynoutria sachalinensis	<0.01	1	200.0	S
N-outdr flower	starch	<0.01	2	2.0	A
N-outdr flower	styrene butadiene copolymer	1.0	4	4.0	A
N-outdr flower	alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	0.44	4	4.0	A
N-outdr plants in containers	abamectin	<0.01	1	3,000.0	S
N-outdr plants in containers	azadirachtin	0.42	42	210.0	A
N-outdr plants in containers	azoxystrobin	0.13	1	1.0	A
N-outdr plants in containers	bacillus thuringiensis (berliner), subsp. kurstaki, serotype 3a,3b	<0.01	1	344.0	S
N-outdr plants in containers	bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	12.89	22	110.0	A
N-outdr plants in containers	beauveria bassiana strain gha	0.61	4	20.0	A
N-outdr plants in containers	bifenthrin	0.09	1	4.0	A
N-outdr plants in containers	boscalid	4.0	8	17.0	A
N-outdr plants in containers	boscalid	3.15	18	98,500.0	U

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-outdr plants in containers	buprofezin	1.31	2	4.0	A
N-outdr plants in containers	butopyronoxyl	10.51	1	8.0	A
N-outdr plants in containers	capric acid	4.8	1	2.0	A
N-outdr plants in containers	caprylic acid	7.05	1	2.0	A
N-outdr plants in containers	clarified hydrophobic extract of neem oil	27.25	3	6.75	A
N-outdr plants in containers	coconut diethanolamide	0.8	7	22.0	A
N-outdr plants in containers	copper octanoate	94.62	1	8.0	A
N-outdr plants in containers	copper sulfate (pentahydrate)	0.1	5	16,320.0	S
N-outdr plants in containers	cyantraniliprole	2.57	5	22.0	A
N-outdr plants in containers	cyantraniliprole	0.89	7	260,226.0	U
N-outdr plants in containers	cyflumetofen	0.09	1	0.5	A
N-outdr plants in containers	cyfluthrin	1.19	23	115.0	A
N-outdr plants in containers	diatomaceous earth	0.1	1	400.0	S
N-outdr plants in containers	dinotefuran	0.63	3	5.0	A
N-outdr plants in containers	dodecylbenzene sulfonic acid	3.48	7	22.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-outdr plants in containers	edta, tetrasodium salt	0.21	7	22.0	A
N-outdr plants in containers	ferric sodium edta	9.0	1	14.0	A
N-outdr plants in containers	flonicamid	0.06	1	1.0	A
N-outdr plants in containers	flupyradifurone	1.26	3	7.5	A
N-outdr plants in containers	tau-fluvalinate	0.1	1	9,000.0	S
N-outdr plants in containers	fosetyl-al	1.3	2	9,516.0	S
N-outdr plants in containers	glyphosate, isopropylamine salt	50.77	20	42.0	A
N-outdr plants in containers	glyphosate, potassium salt	46.59	13	48.0	A
N-outdr plants in containers	glyphosate, potassium salt	15.52	28	238,420.0	S
N-outdr plants in containers	hydrogen peroxide	0.93	1	0.25	A
N-outdr plants in containers	hydrogen peroxide	0.93	1	440.0	S
N-outdr plants in containers	imidacloprid	0.94	1	2.0	A
N-outdr plants in containers	imidacloprid	1.45	19	53,075.0	S
N-outdr plants in containers	imidacloprid	0.06	2	3,220.0	U
N-outdr plants in containers	iron phosphate	0.11	2	1.25	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-outdr plants in containers	iron phosphate	0.03	1	4,000.0	S
N-outdr plants in containers	isopropyl alcohol	1.06	7	22.0	A
N-outdr plants in containers	isoxaben	1.0	2	4.0	A
N-outdr plants in containers	lambda-cyhalothrin	0.99	12	28.2	A
N-outdr plants in containers	lecithin	8.11	8	14.0	A
N-outdr plants in containers	malathion	1.09	3	12.0	A
N-outdr plants in containers	margosa oil	2.81	7	35.0	A
N-outdr plants in containers	mefenoxam	0.26	3	16,440.0	S
N-outdr plants in containers	mefenoxam	2.39	34	125,570.0	U
N-outdr plants in containers	mefenoxam, other related	0.01	3	16,440.0	S
N-outdr plants in containers	mefenoxam, other related	0.08	34	125,570.0	U
N-outdr plants in containers	methoxyfenozide	3.46	23	115.0	A
N-outdr plants in containers	methyated soybean oil	4.06	8	14.0	A
N-outdr plants in containers	mineral oil	0.22	1	3.0	A
N-outdr plants in containers	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	4.74	2	9.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-outdr plants in containers	oxathiapiprolin	0.39	4	10.0	A
N-outdr plants in containers	permethrin	1.67	3	8.5	A
N-outdr plants in containers	peroxyacetic acid	0.07	1	0.25	A
N-outdr plants in containers	peroxyacetic acid	0.07	1	440.0	S
N-outdr plants in containers	phosphoric acid	0.68	7	22.0	A
N-outdr plants in containers	potash soap	4.24	2	6,525.0	S
N-outdr plants in containers	potassium bicarbonate	8.55	5	44,275.0	S
N-outdr plants in containers	potassium phosphite	5.26	1	2.0	A
N-outdr plants in containers	propiconazole	0.04	1	11,000.0	S
N-outdr plants in containers	pymetrozine	1.8	23	115.0	A
N-outdr plants in containers	pyraclostrobin	2.67	9	18.0	A
N-outdr plants in containers	pyraclostrobin	0.01	3	3,525.0	S
N-outdr plants in containers	pyraclostrobin	6.21	18	98,500.0	U
N-outdr plants in containers	pyrethrins	0.5	21	105.0	A
N-outdr plants in containers	qst 713 strain of dried bacillus subtilis	0.35	2	8.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-outdr plants in containers	qst 713 strain of dried bacillus subtilis	0.42	8	42,964.0	S
N-outdr plants in containers	silicone defoamer	0.09	7	22.0	A
N-outdr plants in containers	sodium carbonate peroxyhydrate	0.87	3	2,220.0	S
N-outdr plants in containers	sodium xylene sulfonate	1.07	7	22.0	A
N-outdr plants in containers	spinosad	1.81	48	231.0	A
N-outdr plants in containers	spirotetramat	0.38	2	8.0	A
N-outdr plants in containers	spirotetramat	0.01	3	7,000.0	S
N-outdr plants in containers	spirotetramat	0.6	10	19,500.0	U
N-outdr plants in containers	alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	4.07	7	22.0	A
N-outdr plants in containers	tetrapotassium pyrophosphate	0.53	7	22.0	A
N-outdr plants in containers	triclopyr, butoxyethyl ester	4.16	1	3.0	A
N-outdr plants in containers	triethanolamine	1.36	7	22.0	A
N-outdr plants in containers	trifluralin	4.0	2	4.0	A
N-outdr plants in containers	alpha-undecyl-omega-hydroxypoly(oxyethylene)	4.06	8	14.0	A
N-outdr transplants	abamectin	<0.01	1	10,000.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-outdr transplants	acetamiprid	0.02	2	10,020.0	S
N-outdr transplants	boscalid	0.14	1	11,664.0	S
N-outdr transplants	copper oxide (ous)	1.57	2	78,867.0	S
N-outdr transplants	dithiopyr	0.1	1	14,400.0	S
N-outdr transplants	etoxazole	0.14	1	25,000.0	S
N-outdr transplants	flupyradifurone	0.16	1	33,434.0	S
N-outdr transplants	glyphosate, isopropylamine salt	5.23	6	148,000.0	S
N-outdr transplants	imidacloprid	0.12	1	11,664.0	S
N-outdr transplants	mineral oil	10.56	2	53,684.0	S
N-outdr transplants	oxadiazon	6.4	3	128,000.0	S
N-outdr transplants	potassium bicarbonate	3.08	3	78,154.0	S
N-outdr transplants	pyraclostrobin	0.07	1	11,664.0	S
N-outdr transplants	qst 713 strain of dried bacillus subtilis	0.03	1	10,000.0	S
N-outdr transplants	spinosad	0.05	1	11,664.0	S
Nectarine	copper oxide (ous)	2.16	4	0.8	A
Nectarine	mineral oil	1.76	2	0.5	A
Nuts	alkyl (c8,c10) polyglucoside	2.15	1	8.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Nuts	ammonium nitrate	7.72	1	8.0	A
Nuts	fluazifop-butyl	3.98	1	8.0	A
Nuts	glufosinate-ammonium	9.18	1	8.0	A
Nuts	methylated soybean oil	6.43	1	8.0	A
Nuts	polyethoxylated castor oil	2.41	1	8.0	A
Nuts	poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	0.25	1	8.0	A
Nuts	tall oil fatty acids	1.67	1	8.0	A
Oat	benzoic acid	1.87	2	328.49	A
Oat	bromoxynil heptanoate	483.4	7	1,418.49	A
Oat	bromoxynil octanoate	501.3	7	1,418.49	A
Oat	butyl alcohol	24.68	9	1,197.0	A
Oat	butyl lactate	6.22	1	273.49	A
Oat	2,4-d, dimethylamine salt	497.09	5	594.0	A
Oat	dimethyl alkyl tertiary amines	2.04	2	328.49	A
Oat	dimethylpolysiloxane	0.25	9	1,197.0	A
Oat	glyphosate, isopropylamine salt	566.4	6	757.0	A
Oat	methylated soybean oil	71.44	2	328.49	A
Oat	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	199.42	9	1,197.0	A
Oat	polyacrylamide polymer	37.02	8	1,142.0	A
Oat	polyoxyethylene sorbitan monolaurate	54.73	1	273.49	A
Oat	polysaccharide polymer	4.11	8	1,142.0	A
Oat	silica filled polydimethylsiloxane	0.03	1	273.49	A
Oat	tribenuron-methyl	1.71	1	273.49	A
Oat (forage - fodder)	2,4-d, dimethylamine salt	4.91	2	9.0	A
Olive	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	0.25	1	4.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Olive	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	0.02	1	40.0	U
Olive	alpha-pinene beta-pinene copolymer	2.4	9	10.75	A
Olive	ammonium nitrate	0.03	1	4.0	A
Olive	ammonium nitrate	<0.01	1	40.0	U
Olive	ammonium sulfate	0.79	1	4.0	A
Olive	ammonium sulfate	0.07	1	40.0	U
Olive	bacillus pumilus, strain qst 2808	0.72	7	1.05	A
Olive	n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	0.03	5	0.75	A
Olive	carbo methoxy ether cellulose, sodium salt	<0.01	2	10.15	A
Olive	copper hydroxide	0.88	5	12.4	A
Olive	copper oxide (ous)	10.07	1	3.0	A
Olive	copper oxide (ous)	5.03	1	31,438.0	S
Olive	copper oxychloride	0.98	5	12.4	A
Olive	dimethylpolysiloxane	0.01	1	1.5	A
Olive	alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	0.09	4	10.0	A
Olive	glyphosate, potassium salt	9.65	1	4.0	A
Olive	glyphosate, potassium salt	0.41	1	40.0	U
Olive	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	0.61	6	0.85	A
Olive	kaolin	556.25	18	31.98	A
Olive	kaolin	4.75	1	13.0	U
Olive	mineral oil	11.3	10	11.24	A
Olive	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	<0.01	2	10.15	A
Olive	oxyfluorfen	0.2	1	40.0	U
Olive	pendimethalin	0.38	1	40.0	U

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Olive	polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	0.31	1	1.5	A
Olive	propylene glycol	0.16	1	1.5	A
Olive	pyrethrins	0.02	1	1.5	A
Olive	pyrethrins	0.05	1	15,552.0	S
Olive	qst 713 strain of dried bacillus subtilis	1.44	5	0.75	A
Olive	quillaja	<0.01	2	10.15	A
Olive	spinosad	0.07	88	812.13	A
Olive	spinosad	0.04	117	12,636.15	U
Olive	sulfur	15.39	8	11.0	A
Olive	tall oil fatty acids	0.01	5	0.75	A
Olive	alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	0.58	1	1.5	A
Onion, dry	pyrethrins	0.01	1	1.0	A
Parsley	bacillus pumilus, strain qst 2808	<0.01	4	690.0	S
Parsley	chromobacterium subtsugae strain praa4-1	0.32	21	3,710.0	S
Parsley	clarified hydrophobic extract of neem oil	2.06	29	6,365.0	S
Parsley	qst 713 strain of dried bacillus subtilis	0.08	41	8,510.0	S
Pasture (forage - fodder)	aminopyralid, triisopropanolamine salt	37.98	2	180.0	A
Pasture (forage - fodder)	benzoic acid	0.43	2	180.0	A
Pasture (forage - fodder)	dimethyl alkyl tertiary amines	0.46	2	180.0	A
Pasture (forage - fodder)	low molecular weight paraffinic oil	0.82	2	180.0	A
Pasture (forage - fodder)	methylated soybean oil	15.74	2	180.0	A
Pasture (forage - fodder)	oleic acid, ethyl ester	53.62	2	180.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pasture (forage - fodder)	polyethylene glycol stearate	13.41	2	180.0	A
Pastureland	aminopyralid, triisopropanolamine salt	2.89	4	16.0	A
Pastureland	clopyralid, monoethanolamine salt	1.98	4	0.04	A
Pastureland	2,4-d, dimethylamine salt	43.61	1	40.0	A
Pastureland	glyphosate, isopropylamine salt	20.56	7	64.75	A
Pastureland	triclopyr, butoxyethyl ester	11.09	1	8.0	A
Pastureland	triclopyr choline	0.38	1	10.0	A
Peach	alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	1.44	5	6.0	A
Peach	copper hydroxide	7.46	6	6.1	A
Peach	copper oxide (ous)	96.43	7	13.75	A
Peach	copper oxychloride	5.72	5	6.0	A
Peach	glyphosate, isopropylamine salt	0.38	1	0.1	A
Peach	mineral oil	27.46	3	0.6	A
Peach	myclobutanil	0.02	2	0.2	A
Peach	phosmet	0.35	1	0.5	A
Peach	pyriproxyfen	0.01	1	0.1	A
Peach	qst 713 strain of dried bacillus subtilis	2.16	5	6.0	A
Peach	sulfur	128.0	4	20.0	A
Peach	ulocladium oudemansii (u3 strain)	26.1	6	29.0	A
Pear	bacillus pumilus, strain qst 2808	0.06	1	1.0	A
Pear	bacillus thuringiensis (berliner)	0.01	13	1.2	A
Pear	copper hydroxide	<0.01	2	0.2	A
Pear	copper oxide (ous)	7.68	2	9.25	A
Pear	copper oxychloride	<0.01	2	0.2	A
Pear	e,e-8,10-dodecadien-1-ol	0.14	1	0.5	A
Pear	hydrogen peroxide	45.82	7	57.0	A
Pear	lauryl alcohol	0.08	1	0.5	A
Pear	mineral oil	119.72	21	37.66	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pear	myristyl alcohol	0.02	1	0.5	A
Pear	1-naphthaleneacetamide	0.02	1	1.0	A
Pear	peroxyacetic acid	3.38	7	57.0	A
Pear	polyacrylamide, polyethylene glycol mixture	0.02	2	18.0	A
Pear	spinosad	1.63	2	18.0	A
Pear	streptomycin sulfate	0.11	1	1.0	A
Pepper, fruiting	chromobacterium subtsugae strain praa4-1	0.18	8	8,700.0	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	0.02	9	9,900.0	S
Pepper, fruiting	reynoutria sachalinensis	<0.01	1	1,200.0	S
Plum	copper oxide (ous)	1.68	1	0.1	A
Pome fruit	copper hydroxide	1.07	1	0.9	A
Pome fruit	copper oxychloride	1.19	1	0.9	A
Pome fruit	hydrogen peroxide	0.19	1	0.1	A
Pome fruit	mineral oil	5.73	1	0.9	A
Pome fruit	qst 713 strain of dried bacillus subtilis	0.04	1	0.9	A
Pome fruit	sulfur	6.4	1	0.9	A
Public health	alkyl (50% ^c 14, 40% ^c 12, 10% ^c 16) dimethylbenzyl ammonium chloride	0.01	N/A	N/A	N/A
Public health	d-trans allethrin	0.02	N/A	N/A	N/A
Public health	bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins	269.54	N/A	N/A	N/A
Public health	bacillus thuringiensis, subsp. israelensis, strain am 65-52	406.68	N/A	N/A	N/A
Public health	didecyl dimethyl ammonium chloride	<0.01	N/A	N/A	N/A
Public health	dioctyl dimethyl ammonium chloride	<0.01	N/A	N/A	N/A
Public health	etofenprox	6.97	N/A	N/A	N/A
Public health	alpha-isooctadecyl-omega-hydroxypoly(oxyethylene)	6.58	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Public health	methoprene	21.58	N/A	N/A	N/A
Public health	s-methoprene	64.18	N/A	N/A	N/A
Public health	mineral oil	1,234.5	N/A	N/A	N/A
Public health	octyl decyl dimethyl ammonium chloride	0.01	N/A	N/A	N/A
Public health	petroleum distillates	67.92	N/A	N/A	N/A
Public health	phenothrin	0.02	N/A	N/A	N/A
Public health	piperonyl butoxide	74.15	N/A	N/A	N/A
Public health	piperonyl butoxide, other related	18.54	N/A	N/A	N/A
Public health	pyrethrins	17.82	N/A	N/A	N/A
Public health	silica aerogel	31.18	N/A	N/A	N/A
Public health	sodium hypochlorite	0.77	N/A	N/A	N/A
Public health	spinosad	12.1	N/A	N/A	N/A
Pumpkin	acetic acid	0.77	1	5.0	A
Pumpkin	pyrethrins	0.15	1	5.0	A
Radish	clarified hydrophobic extract of neem oil	0.74	11	1,625.0	S
Radish	qst 713 strain of dried bacillus subtilis	0.03	11	1,625.0	S
Rangeland	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	1.42	3	600.0	A
Rangeland	aminopyralid, triisopropanolamine salt	131.38	3	696.0	A
Rangeland	ammonium nitrate	0.18	3	600.0	A
Rangeland	ammonium sulfate	4.53	3	600.0	A
Rangeland	benzoic acid	2.9	4	736.0	A
Rangeland	butyl lactate	0.91	1	40.0	A
Rangeland	clopyralid, monoethanolamine salt	10.26	2	44.0	A
Rangeland	dimethyl alkyl tertiary amines	3.17	4	736.0	A
Rangeland	glyphosate, isopropylamine salt	13.52	5	21.0	A
Rangeland	glyphosate, potassium salt	28.96	3	600.0	A
Rangeland	low molecular weight paraffinic oil	2.01	2	440.0	A
Rangeland	methylated soybean oil	109.76	4	736.0	A
Rangeland	oleic acid, ethyl ester	195.43	3	696.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rangeland	polyethylene glycol stearate	48.86	3	696.0	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	6.46	7	110.0	A
Rangeland	triclopyr, triethylamine salt	0.5	1	2.5	A
Research commodity	strychnine	0.13	11	5.5	A
Rights of way	alcohols, c12-c14, aliphatic	1.49	N/A	N/A	N/A
Rights of way	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	5.72	N/A	N/A	N/A
Rights of way	alkyl (c9-c11) oligomeric d-glucopyranoside	4.25	N/A	N/A	N/A
Rights of way	alkyl (c8,c10) polyglucoside	11.81	2	40.0	A
Rights of way	allyloxypolyethylene glycol acetate	0.1	N/A	N/A	N/A
Rights of way	aminocyclopyrachlor, potassium salt	15.33	N/A	N/A	N/A
Rights of way	aminopyralid, triisopropanolamine salt	49.33	N/A	N/A	N/A
Rights of way	ammonium nonanoate	671.21	N/A	N/A	N/A
Rights of way	ammonium nitrate	0.68	N/A	N/A	N/A
Rights of way	ammonium sulfate	29.89	2	40.0	A
Rights of way	ammonium sulfate	16.8	N/A	N/A	N/A
Rights of way	benzoic acid	15.89	N/A	N/A	N/A
Rights of way	borax	1,257.79	N/A	N/A	N/A
Rights of way	2-butoxyethanol	3.82	N/A	N/A	N/A
Rights of way	butyl alcohol	2.06	N/A	N/A	N/A
Rights of way	capric acid	0.13	N/A	N/A	N/A
Rights of way	caprylic acid	0.19	N/A	N/A	N/A
Rights of way	chlorsulfuron	8.63	N/A	N/A	N/A
Rights of way	clethodim	12.54	N/A	N/A	N/A
Rights of way	clopyralid, monoethanolamine salt	0.49	N/A	N/A	N/A
Rights of way	copper carbonate, basic	35.9	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	copper hydroxide	25.01	N/A	N/A	N/A
Rights of way	copper naphthenate	46.58	N/A	N/A	N/A
Rights of way	dazomet	554.11	N/A	N/A	N/A
Rights of way	dichlobenil	483.39	N/A	N/A	N/A
Rights of way	diethylene glycol	3.03	N/A	N/A	N/A
Rights of way	dimethyl alkyl tertiary amines	17.31	N/A	N/A	N/A
Rights of way	3,7-dimethyl-6-octen-1-ol	0.31	N/A	N/A	N/A
Rights of way	dimethylpolysiloxane	0.09	N/A	N/A	N/A
Rights of way	diquat dibromide	19.07	N/A	N/A	N/A
Rights of way	disodium octaborate anhydrous	0.18	N/A	N/A	N/A
Rights of way	dithiopyr	193.04	N/A	N/A	N/A
Rights of way	diuron	9.07	N/A	N/A	N/A
Rights of way	farnesol	0.12	N/A	N/A	N/A
Rights of way	fatty acids, mixed	7.53	N/A	N/A	N/A
Rights of way	flumioxazin	7.65	2	40.0	A
Rights of way	flumioxazin	16.33	N/A	N/A	N/A
Rights of way	geraniol	0.31	N/A	N/A	N/A
Rights of way	glufosinate-ammonium	40.0	2	40.0	A
Rights of way	glufosinate-ammonium	112.14	N/A	N/A	N/A
Rights of way	glyphosate, dimethylamine salt	2,571.39	N/A	N/A	N/A
Rights of way	glyphosate, isopropylamine salt	1,412.46	N/A	N/A	N/A
Rights of way	glyphosate, potassium salt	71.72	N/A	N/A	N/A
Rights of way	hexylene glycol	3.82	N/A	N/A	N/A
Rights of way	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	0.35	N/A	N/A	N/A
Rights of way	imazapyr, isopropylamine salt	58.29	N/A	N/A	N/A
Rights of way	indaziflam	20.3	N/A	N/A	N/A
Rights of way	isopropylamine dodecylbenzene sulfonate	0.82	N/A	N/A	N/A
Rights of way	isoxaben	257.19	N/A	N/A	N/A
Rights of way	lecithin	85.99	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	low molecular weight paraffinic oil	30.35	N/A	N/A	N/A
Rights of way	metam-sodium	410.6	N/A	N/A	N/A
Rights of way	methylated soybean oil	962.12	N/A	N/A	N/A
Rights of way	mineral oil	136.57	N/A	N/A	N/A
Rights of way	nerolidol	0.31	N/A	N/A	N/A
Rights of way	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	80.18	N/A	N/A	N/A
Rights of way	oleic acid, ethyl ester	8.52	N/A	N/A	N/A
Rights of way	oleic acid, methyl ester	1.39	N/A	N/A	N/A
Rights of way	oryzalin	19.76	N/A	N/A	N/A
Rights of way	oxyfluorfen	29.82	N/A	N/A	N/A
Rights of way	pendimethalin	38.01	N/A	N/A	N/A
Rights of way	penoxsulam	0.62	N/A	N/A	N/A
Rights of way	polyacrylamide polymer	1.82	N/A	N/A	N/A
Rights of way	polyalkene oxide modified heptamethyl trisiloxane	4.45	N/A	N/A	N/A
Rights of way	polyethylene glycol diacetate	0.01	N/A	N/A	N/A
Rights of way	polyethylene glycol stearate	0.55	N/A	N/A	N/A
Rights of way	polymerized pinene	4.82	N/A	N/A	N/A
Rights of way	polyoxyethylene dioleate	1.11	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	3.58	N/A	N/A	N/A
Rights of way	polyoxyethylene sorbitan trioleate	21.51	N/A	N/A	N/A
Rights of way	rimsulfuron	2.32	N/A	N/A	N/A
Rights of way	sodium dioctylsulfosuccinate	<0.01	N/A	N/A	N/A
Rights of way	sodium fluoride	9.47	N/A	N/A	N/A
Rights of way	sodium alpha-olefin (c14-c16) sulfonate	29.11	N/A	N/A	N/A
Rights of way	sulfentrazone	3.74	N/A	N/A	N/A
Rights of way	sulfometuron-methyl	5.34	N/A	N/A	N/A
Rights of way	tebuthiuron	3.02	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	triclopyr, butoxyethyl ester	86.27	N/A	N/A	N/A
Rights of way	triclopyr choline	178.9	N/A	N/A	N/A
Rights of way	triclopyr, triethylamine salt	219.39	N/A	N/A	N/A
Rights of way	alpha-undecyl-omega-hydroxypoly(oxyethylene)	50.89	N/A	N/A	N/A
Rights of way	vinyl ester polymer	0.51	N/A	N/A	N/A
Ryegrass	2,4-d, dimethylamine salt	28.13	1	25.0	A
Small fruits/berry	mineral oil	0.05	1	0.03	A
Squash	bifenthrin	0.4	2	40.0	A
Squash	chromobacterium subtsugae strain praa4-1	0.14	6	955.0	S
Squash	clarified hydrophobic extract of neem oil	0.17	2	225.0	S
Squash	pyrethrins	0.01	2	1,500.0	S
Squash	qst 713 strain of dried bacillus subtilis	0.01	7	1,030.0	S
Squash	reynoutria sachalinensis	<0.01	1	150.0	S
Stone fruit	copper hydroxide	0.32	5	1.2	A
Stone fruit	copper oxychloride	0.35	5	1.2	A
Stone fruit	lime-sulfur	0.29	1	0.1	A
Stone fruit	mineral oil	1.49	6	1.18	A
Stone fruit	mineral oil	0.72	1	8.0	U
Strawberry	bifenazate	5.75	5	16.0	A
Strawberry	glyphosate, potassium salt	31.2	6	12.0	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	4.76	N/A	N/A	N/A
Structural pest control	acetamiprid	0.5	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	alkyl (50% ^{c14} , 40% ^{c12} , 10% ^{c16}) dimethylbenzyl ammonium chloride	0.18	N/A	N/A	N/A
Structural pest control	alkyl (c8,c10) polyglucoside	0.41	N/A	N/A	N/A
Structural pest control	d-trans allethrin	0.11	N/A	N/A	N/A
Structural pest control	4-aminopyridine	0.19	N/A	N/A	N/A
Structural pest control	ammonium nitrate	<0.01	N/A	N/A	N/A
Structural pest control	ammonium sulfate	<0.01	N/A	N/A	N/A
Structural pest control	beauveria bassiana strain gha	0.05	N/A	N/A	N/A
Structural pest control	bifenthrin	292.15	N/A	N/A	N/A
Structural pest control	borax	17.31	N/A	N/A	N/A
Structural pest control	boric acid	1,420.93	N/A	N/A	N/A
Structural pest control	brodifacoum	0.04	N/A	N/A	N/A
Structural pest control	bromadiolone	0.28	N/A	N/A	N/A
Structural pest control	bromethalin	0.12	N/A	N/A	N/A
Structural pest control	capsicum oleoresin	<0.01	N/A	N/A	N/A
Structural pest control	carfentrazone-ethyl	<0.01	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	chlorantraniliprole	33.73	N/A	N/A	N/A
Structural pest control	chlorfenapyr	115.3	N/A	N/A	N/A
Structural pest control	chlorophacinone	<0.01	N/A	N/A	N/A
Structural pest control	chloropicrin	1.45	N/A	N/A	N/A
Structural pest control	cholecalciferol	1.5	N/A	N/A	N/A
Structural pest control	clothianidin	0.46	N/A	N/A	N/A
Structural pest control	copper hydroxide	1.75	N/A	N/A	N/A
Structural pest control	copper naphthenate	4.14	N/A	N/A	N/A
Structural pest control	copper oxychloride	1.91	N/A	N/A	N/A
Structural pest control	coyote urine	0.11	N/A	N/A	N/A
Structural pest control	cyfluthrin	12.55	N/A	N/A	N/A
Structural pest control	beta-cyfluthrin	122.75	N/A	N/A	N/A
Structural pest control	cypermethrin	13.57	N/A	N/A	N/A
Structural pest control	2,4-d, 2-ethylhexyl ester	0.17	N/A	N/A	N/A
Structural pest control	ddvp	<0.01	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	ddvp, other related	<0.01	N/A	N/A	N/A
Structural pest control	deltamethrin	225.52	N/A	N/A	N/A
Structural pest control	diatomaceous earth	9.58	N/A	N/A	N/A
Structural pest control	dicamba	0.1	N/A	N/A	N/A
Structural pest control	didecyl dimethyl ammonium chloride	0.02	N/A	N/A	N/A
Structural pest control	diethylene glycol	6.74	N/A	N/A	N/A
Structural pest control	difethialone	0.1	N/A	N/A	N/A
Structural pest control	dimethylpolysiloxane	0.15	N/A	N/A	N/A
Structural pest control	dinotefuran	83.27	N/A	N/A	N/A
Structural pest control	dioctyl dimethyl ammonium chloride	<0.01	N/A	N/A	N/A
Structural pest control	diphacinone	0.29	N/A	N/A	N/A
Structural pest control	diphacinone, sodium salt	<0.01	N/A	N/A	N/A
Structural pest control	disodium octaborate tetrahydrate	3,692.09	N/A	N/A	N/A
Structural pest control	dithiopyr	9.0	N/A	N/A	N/A
Structural pest control	emamectin benzoate	0.02	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	esfenvalerate	32.79	N/A	N/A	N/A
Structural pest control	ethephon	0.18	N/A	N/A	N/A
Structural pest control	etofenprox	0.22	N/A	N/A	N/A
Structural pest control	fatty acids, mixed	12.01	N/A	N/A	N/A
Structural pest control	fipronil	212.3	N/A	N/A	N/A
Structural pest control	fox urine	0.05	N/A	N/A	N/A
Structural pest control	gamma-cyhalothrin	0.38	N/A	N/A	N/A
Structural pest control	glyphosate, isopropylamine salt	4.39	N/A	N/A	N/A
Structural pest control	hexaflumuron	0.01	N/A	N/A	N/A
Structural pest control	hydramethylnon	0.65	N/A	N/A	N/A
Structural pest control	hydroprene	15.84	N/A	N/A	N/A
Structural pest control	imidacloprid	408.78	N/A	N/A	N/A
Structural pest control	indoxacarb	9.18	N/A	N/A	N/A
Structural pest control	iodine	0.2	N/A	N/A	N/A
Structural pest control	iron phosphate	0.05	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	isopropyl alcohol	8.7	N/A	N/A	N/A
Structural pest control	isoxaben	1.03	N/A	N/A	N/A
Structural pest control	lambda-cyhalothrin	3.37	N/A	N/A	N/A
Structural pest control	limonene	124.16	N/A	N/A	N/A
Structural pest control	mancozeb	10.88	N/A	N/A	N/A
Structural pest control	mecoprop-p	0.04	N/A	N/A	N/A
Structural pest control	mefenoxam	0.18	N/A	N/A	N/A
Structural pest control	mefenoxam, other related	0.01	N/A	N/A	N/A
Structural pest control	methidathion	0.31	N/A	N/A	N/A
Structural pest control	methoprene	0.06	N/A	N/A	N/A
Structural pest control	s-methoprene	0.06	N/A	N/A	N/A
Structural pest control	methyl anthranilate	0.3	N/A	N/A	N/A
Structural pest control	metofluthrin	0.01	N/A	N/A	N/A
Structural pest control	mineral oil	0.38	N/A	N/A	N/A
Structural pest control	muscalure	0.03	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	nicarbazin	0.05	N/A	N/A	N/A
Structural pest control	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	19.27	N/A	N/A	N/A
Structural pest control	novaluron	0.27	N/A	N/A	N/A
Structural pest control	noviflumuron	0.08	N/A	N/A	N/A
Structural pest control	n-octyl bicycloheptene dicarboximide	5.84	N/A	N/A	N/A
Structural pest control	octyl decyl dimethyl ammonium chloride	<0.01	N/A	N/A	N/A
Structural pest control	organosilicone, poly oxyalkylene ether copolymer	0.27	N/A	N/A	N/A
Structural pest control	permethrin	148.63	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	0.21	N/A	N/A	N/A
Structural pest control	phenothrin	0.34	N/A	N/A	N/A
Structural pest control	phenylethyl propionate	0.14	N/A	N/A	N/A
Structural pest control	piperonyl butoxide	129.24	N/A	N/A	N/A
Structural pest control	piperonyl butoxide, other related	20.72	N/A	N/A	N/A
Structural pest control	polyalkene oxide modified heptamethyl trisiloxane	0.6	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	polybutenes	0.04	N/A	N/A	N/A
Structural pest control	potassium phosphite	162.5	N/A	N/A	N/A
Structural pest control	prallethrin	7.86	N/A	N/A	N/A
Structural pest control	propiconazole	0.15	N/A	N/A	N/A
Structural pest control	propoxur	0.18	N/A	N/A	N/A
Structural pest control	propylene glycol	0.29	N/A	N/A	N/A
Structural pest control	pyrethrins	16.76	N/A	N/A	N/A
Structural pest control	pyriproxyfen	1.23	N/A	N/A	N/A
Structural pest control	ronnel	<0.01	N/A	N/A	N/A
Structural pest control	silica aerogel	15.71	N/A	N/A	N/A
Structural pest control	sodium decyl sulfate	4.45	N/A	N/A	N/A
Structural pest control	sodium lauroampho acetate	3.36	N/A	N/A	N/A
Structural pest control	sodium lauryl sulfate	2.27	N/A	N/A	N/A
Structural pest control	sulfuryl fluoride	33,842.96	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

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	tetramethrin	0.06	N/A	N/A	N/A
Structural pest control	thiamethoxam	0.77	N/A	N/A	N/A
Structural pest control	thiophanate-methyl	0.06	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	alpha-undecyl-omega-hydroxypoly(oxyethylene)	17.57	N/A	N/A	N/A
Structural pest control	warfarin	<0.01	N/A	N/A	N/A
Structural pest control	zinc phosphide	1.64	N/A	N/A	N/A
Swiss chard	pyrethrins	<0.01	2	400.0	S
Tomatillo	bacillus pumilus, strain qst 2808	<0.01	1	50.0	S
Tomatillo	chromobacterium subtsugae strain praa4-1	0.23	11	550.0	S
Tomatillo	qst 713 strain of dried bacillus subtilis	0.02	9	450.0	S
Tomatillo	reynoutria sachalinensis	<0.01	1	50.0	S
Tomato	chromobacterium subtsugae strain praa4-1	0.14	6	7,900.0	S
Tomato	clarified hydrophobic extract of neem oil	0.17	2	2,800.0	S
Tomato	qst 713 strain of dried bacillus subtilis	0.01	7	9,300.0	S
Tomato	reynoutria sachalinensis	<0.01	1	1,400.0	S
Uncultivated ag	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	10.76	8	720.91	A
Uncultivated ag	alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	4.9	5	49.96	A
Uncultivated ag	alkyl (c8,c10) polyglucoside	19.97	N/A	50.1	A
Uncultivated ag	ammonium nitrate	10.9	8	771.01	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Uncultivated ag	ammonium sulfate	143.56	8	828.86	A
Uncultivated ag	benzoic acid	5.45	9	957.67	A
Uncultivated ag	cyflufenamid	0.18	1	5.79	A
Uncultivated ag	2,4-d, dimethylamine salt	807.37	8	956.67	A
Uncultivated ag	dimethyl alkyl tertiary amines	5.96	9	957.67	A
Uncultivated ag	dimethylpolysiloxane	0.07	N/A	107.95	A
Uncultivated ag	flumioxazin	21.65	N/A	56.6	A
Uncultivated ag	fluopyram	0.88	1	5.79	A
Uncultivated ag	flutriafol	0.64	1	5.79	A
Uncultivated ag	glyphosate, isopropylamine salt	336.07	5	81.76	A
Uncultivated ag	glyphosate, potassium salt	1,237.65	11	1,045.22	A
Uncultivated ag	indaziflam	0.08	1	2.0	A
Uncultivated ag	lime-sulfur	153.95	1	10.0	A
Uncultivated ag	methylated soybean oil	211.32	11	961.17	A
Uncultivated ag	metrafenone	1.5	1	5.1	A
Uncultivated ag	oxyfluorfen	6.34	3	7.16	A
Uncultivated ag	pendimethalin	6.02	1	3.18	A
Uncultivated ag	polyoxyethylene sorbitan mixed fatty acid esters	14.72	N/A	27.0	A
Uncultivated ag	pyraflufen-ethyl	0.01	1	1.0	A
Uncultivated ag	quinoxifen	0.78	1	5.79	A
Uncultivated ag	rimsulfuron	0.06	1	2.0	A
Uncultivated ag	sethoxydim	0.56	2	3.5	A
Uncultivated ag	sulfur	357.6	6	34.74	A
Uncultivated ag	tebuconazole	0.88	1	5.79	A
Uncultivated non-ag	aminopyralid, triisopropanolamine salt	0.63	N/A	3.0	A
Uncultivated non-ag	glyphosate, isopropylamine salt	18.43	2	8.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Uncultivated non-ag	glyphosate, potassium salt	4.65	3	4.0	A
Uncultivated non-ag	oleic acid, ethyl ester	5.96	N/A	3.0	A
Uncultivated non-ag	polyethylene glycol stearate	1.49	N/A	3.0	A
Uncultivated non-ag	triclopyr, butoxyethyl ester	5.55	N/A	3.0	A
Vegetables, leafy	bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	0.03	2	800.0	S
Vegetables, leafy	pyrethrins	<0.01	1	2.01	S
Walnut	copper hydroxide	<0.01	1	0.1	A
Walnut	copper oxychloride	<0.01	1	0.1	A
Walnut	glyphosate, potassium salt	1.29	1	0.33	A
Walnut	mineral oil	0.05	1	0.1	A
Water (industrial)	1-bromo-3-chloro-5,5-dimethyl hydantoin	54.49	N/A	1.0	A
Water (industrial)	chlorine dioxide	0.75	N/A	2.0	A
Water (industrial)	5-chloro-2-methyl-4-isothiazolin-3-one	3.29	N/A	49.0	U
Water (industrial)	copper ethanolamine complexes, mixed	507.16	N/A	120.0	A
Water (industrial)	copper ethylenediamine complex	14.5	N/A	1.63	A
Water (industrial)	copper sulfate (pentahydrate)	26.02	N/A	11.0	A
Water (industrial)	2,2-dibromo-3-nitrilopropionamide	2.85	N/A	1.0	A
Water (industrial)	1,3-dichloro-5,5-dimethylhydantoin	29.05	N/A	1.0	A
Water (industrial)	1,3-dichloro-5-ethyl-5-methylhydantoin	15.98	N/A	1.0	A
Water (industrial)	dioctyl dimethyl ammonium chloride	19.07	N/A	1.0	U
Water (industrial)	diquat dibromide	435.38	N/A	58.88	A
Water (industrial)	endothall, dipotassium salt	133.26	N/A	8.75	A
Water (industrial)	fatty acids, c16-c18 and c18-unsaturated, methyl esters	7.56	N/A	100.0	A
Water (industrial)	flumioxazin	0.59	N/A	2.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Water (industrial)	fluridone	1.15	N/A	3.3	A
Water (industrial)	glutaraldehyde	485.36	N/A	6.0	A
Water (industrial)	glutaraldehyde	210.6	N/A	94.0	U
Water (industrial)	glyphosate, isopropylamine salt	109.36	N/A	40.5	A
Water (industrial)	hydrogen peroxide	47.57	N/A	2.4	A
Water (industrial)	imazamox, ammonium salt	1.06	N/A	4.0	A
Water (industrial)	lecithin	1.17	N/A	7.0	A
Water (industrial)	limonene	37.79	N/A	100.0	A
Water (industrial)	2-methyl-4-isothiazolin-3-one	1.15	N/A	49.0	U
Water (industrial)	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	0.34	N/A	7.0	A
Water (industrial)	oleic acid, methyl ester	1.3	N/A	5.0	A
Water (industrial)	paclobutrazol	0.71	N/A	4.7	A
Water (industrial)	peroxyacetic acid	10.18	N/A	2.4	A
Water (industrial)	propionic acid	1.17	N/A	7.0	A
Water (industrial)	sodium bromide	104.57	N/A	2.0	A
Water (industrial)	sodium bromide	49.98	N/A	13.0	U
Water (industrial)	sodium carbonate peroxyhydrate	565.68	N/A	61.75	A
Water (industrial)	sodium hypochlorite	78.4	N/A	3.0	A
Water (industrial)	sodium hypochlorite	34.44	N/A	13.0	U
Water (industrial)	tall oil fatty acids	0.28	N/A	5.0	A
Water (industrial)	alpha-undecyl-omega-hydroxypoly(oxyethylene)	5.32	N/A	105.0	A
Water area	acid blue 9, diammonium salt	23.26	3	121.0	A
Water area	acid blue 9, diammonium salt	23.26	2	2.0	U
Water area	bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins	418.08	N/A	500.0	A
Water area	bacillus thuringiensis, subsp. israelensis, strain am 65-52	14,135.49	N/A	5,233.0	A
Water area	benzoic acid	0.22	25	17.7	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Water area	butyl alcohol	1.0	3	66.0	A
Water area	butyl lactate	8.5	28	30.4	A
Water area	citric acid	0.18	N/A	0.5	A
Water area	copper ethanolamine complexes, mixed	4.14	N/A	0.5	A
Water area	copper ethanolamine complexes, mixed	2.76	1	3,000.0	S
Water area	copper sulfate (pentahydrate)	771.05	6	142.87	A
Water area	dimethyl alkyl tertiary amines	0.24	25	17.7	A
Water area	dimethylpolysiloxane	0.01	3	66.0	A
Water area	diquat dibromide	178.74	33	32.1	A
Water area	diquat dibromide	1.86	1	3,000.0	S
Water area	flumioxazin	0.59	2	2.7	A
Water area	fluridone	5.34	2	127.16	A
Water area	fluridone	3.0	N/A	555,389.17	C
Water area	glyphosate, isopropylamine salt	487.19	4	166.25	A
Water area	glyphosate, isopropylamine salt	0.39	3	9,000.0	S
Water area	hydrogen peroxide	370.79	N/A	168.59	U
Water area	imazamox, ammonium salt	33.94	1	100.0	A
Water area	methoprene	1,085.42	N/A	1,519.0	A
Water area	s-methoprene	148.03	N/A	726.0	A
Water area	methylated soybean oil	8.57	25	17.7	A
Water area	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	8.06	3	66.0	A
Water area	oleic acid, ethyl ester	385.18	1	100.0	A
Water area	peroxyacetic acid	252.81	N/A	168.59	U
Water area	polyalkyleneoxide modified polydimethyl-siloxane	0.26	1	1.0	A
Water area	polyoxyethylene polyol fatty acid esters	0.81	N/A	0.5	A
Water area	polyoxyethylene dioleate	67.41	1	100.0	A
Water area	polyoxyethylene sorbitan mixed fatty acid esters	0.44	1	2.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Water area	polyoxyethylene sorbitan monolaurate	69.92	28	29.9	A
Water area	polyoxyethylene sorbitan monooleate	19.26	1	100.0	A
Water area	qst 713 strain of dried bacillus subtilis	0.11	1	0.5	A
Water area	silica filled polydimethylsiloxane	0.04	28	29.9	A
Water area	sodium carbonate peroxyhydrate	395.25	N/A	4.63	A
Water area	spinosad	10.22	N/A	102.0	A
Water area	tartrazine	1.92	3	121.0	A
Water area	tartrazine	1.92	2	2.0	U
Water systems - human potable/drinking	sodium hypochlorite	0.38	N/A	1.0	U
Wheat	bromoxynil heptanoate	115.28	1	335.0	A
Wheat	bromoxynil octanoate	119.55	1	335.0	A