

2019 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 non-agricultural 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	boric acid	1,120.0	N/A	150,345.0	S
Animal premise	brodifacoum	<0.01	N/A	1,166.0	S
Animal premise	brodifacoum	<0.01	N/A	5,830.0	U
Animal premise	bromadiolone	0.01	86	3,013,498.0	S
Animal premise	bromadiolone	0.01	N/A	14,585.0	U
Animal premise	bromethalin	<0.01	18	630,000.0	S
Animal premise	difethialone	<0.01	N/A	3,498.0	S
Animal premise	difethialone	0.01	N/A	17,190.0	U
Apple	acetamiprid	16.76	21	210.0	A
Apple	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	0.75	2	4.0	A
Apple	alpha-pinene beta-pinene copolymer	1.01	2	4.0	A
Apple	aluminum phosphide	5.07	3	28.0	A
Apple	azadirachtin	0.93	31	193.5	A
Apple	bacillus pumilus, strain qst 2808	0.42	4	7.0	A
Apple	bacillus thuringiensis (berliner)	0.02	3	0.62	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Apple	bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	897.7	94	761.6	A
Apple	benomyl	0.5	1	4.0	A
Apple	calcium chloride	0.2	6	25.0	A
Apple	carbaryl	14.04	2	4.25	A
Apple	carbo methoxy ether cellulose, sodium salt	0.01	2	4.5	A
Apple	chlorantraniliprole	8.4	6	96.0	A
Apple	chromobacterium subtsugae strain praa4-1	85.5	5	100.0	A
Apple	citric acid	0.56	6	25.0	A
Apple	codling moth granulosis virus	<0.01	14	188.0	A
Apple	copper hydroxide	335.3	31	339.0	A
Apple	copper oxide (ous)	11.13	5	5.2	A
Apple	copper oxychloride	346.1	30	329.0	A
Apple	cyprodinil	18.8	7	96.0	A
Apple	diazinon	10.0	2	4.0	A
Apple	difenoconazole	6.55	7	96.0	A
Apple	e,e-8,10-dodecadien-1-ol	0.1	1	0.5	A
Apple	alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	0.05	2	4.0	A
Apple	fenpropathrin	44.15	12	102.0	A
Apple	glyphosate, potassium salt	47.58	2	63.0	A
Apple	hydrogen peroxide	120.51	11	54.0	A
Apple	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	0.01	2	0.12	A
Apple	kaolin	7,958.63	29	252.0	A
Apple	kresoxim-methyl	19.6	9	98.0	A
Apple	lauryl alcohol	0.06	1	0.5	A
Apple	lime-sulfur	10,219.3	151	1,248.08	A
Apple	mancozeb	336.94	16	150.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Apple	methoxyfenozide	17.08	3	20.0	A
Apple	mineral oil	20,112.31	95	877.62	A
Apple	mineral oil	0.11	1	500.0	S
Apple	myclobutanil	4.4	5	29.0	A
Apple	myristyl alcohol	0.01	1	0.5	A
Apple	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	0.03	2	4.5	A
Apple	oryzalin	3.0	1	8.0	A
Apple	pendimethalin	20.83	1	55.0	A
Apple	peroxyacetic acid	8.89	11	54.0	A
Apple	petroleum oil, unclassified	20.84	2	3.5	A
Apple	phosmet	7.7	3	5.3	A
Apple	qst 713 strain of dried bacillus subtilis	0.59	1	3.0	A
Apple	quillaja	0.03	2	4.5	A
Apple	sethoxydim	7.71	1	55.0	A
Apple	spinetoram	0.3	1	4.0	A
Apple	spinosad	4.0	9	31.0	A
Apple	sulfur	11,797.41	195	1,531.41	A
Apple	sulfur	0.16	2	4.0	U
Apple	thiophanate-methyl	49.0	10	82.0	A
Apple	trifloxystrobin	2.25	3	28.0	A
Apple	ziram	136.8	6	72.0	A
Arugula	clarified hydrophobic extract of neem oil	3.75	44	12,120.0	S
Arugula	qst 713 strain of dried bacillus subtilis	0.12	44	12,120.0	S
Asparagus	iron phosphate	0.02	1	0.25	A
Asparagus	spinosad	<0.01	1	0.25	A
Basil, sweet	clarified hydrophobic extract of neem oil	1.71	20	3,810.0	S
Basil, sweet	qst 713 strain of dried bacillus subtilis	0.05	20	3,810.0	S
Beehive	thymol	0.33	2	6.0	U
Bermudagrass	clethodim	0.04	N/A	100.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Blackberry	triclopyr choline	8.26	N/A	7.0	A
Blackberry	triclopyr choline	1.67	N/A	100.0	S
Blueberry	qst 713 strain of dried bacillus subtilis	0.06	2	1.5	A
Broccoli	clarified hydrophobic extract of neem oil	1.71	20	6,525.0	S
Broccoli	pyrethrins	<0.01	1	0.1	A
Broccoli	qst 713 strain of dried bacillus subtilis	0.05	20	6,525.0	S
Cabbage	pyrethrins	0.01	1	800.0	S
Cannabis (all or unspecified)	alkyl (50% ^c 14, 40% ^c 12, 10% ^c 16) dimethylbenzyl ammonium chloride	0.09	20	8,932.0	S
Cannabis (all or unspecified)	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	0.32	11	31,676.0	S
Cannabis (all or unspecified)	azadirachtin	4.04	292	672,753.0	S
Cannabis (all or unspecified)	bacillus amyloliquefaciens strain d747	0.14	2	70,600.0	S
Cannabis (all or unspecified)	bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	0.59	5	4,743.0	S
Cannabis (all or unspecified)	bacillus thuringiensis, subsp. israelensis, strain am 65-52	12.41	17	18,378.0	S
Cannabis (all or unspecified)	bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	3.46	34	108,170.0	S
Cannabis (all or unspecified)	bacillus thuringiensis (berliner), subsp. kurstaki strain sa-12	7.62	8	40,500.0	S
Cannabis (all or unspecified)	beauveria bassiana strain gha	19.28	114	276,275.0	S
Cannabis (all or unspecified)	burkholderia sp strain a396 cells and fermentation media	483.05	375	593,164.0	S
Cannabis (all or unspecified)	butoxy polypropylene glycol	0.01	1	1,014.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Cannabis (all or unspecified)	canola oil	0.11	3	835.0	S
Cannabis (all or unspecified)	canola oil	0.45	8	14.0	U
Cannabis (all or unspecified)	capsicum oleoresin	0.66	116	163,857.0	S
Cannabis (all or unspecified)	carbaryl	<0.01	1	1,014.0	S
Cannabis (all or unspecified)	chromobacterium subtsugae strain praa4-1	17.87	178	283,340.0	S
Cannabis (all or unspecified)	clarified hydrophobic extract of neem oil	2.62	42	17,730.0	S
Cannabis (all or unspecified)	clethodim	1.99	108	112,561.0	S
Cannabis (all or unspecified)	cypermethrin	0.03	41	43,119.0	S
Cannabis (all or unspecified)	diatomaceous earth	0.25	1	1,088.0	S
Cannabis (all or unspecified)	dicloran	0.17	2	5,700.0	S
Cannabis (all or unspecified)	didecyl dimethyl ammonium chloride	0.13	20	8,932.0	S
Cannabis (all or unspecified)	garlic	2.02	116	163,857.0	S
Cannabis (all or unspecified)	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	4.23	154	161,519.0	S
Cannabis (all or unspecified)	iba	0.05	57	21,006.0	S
Cannabis (all or unspecified)	iba	<0.01	5	29.0	U

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Cannabis (all or unspecified)	isopropyl alcohol	0.61	2	642.0	S
Cannabis (all or unspecified)	margosa oil	0.39	10	16,618.0	S
Cannabis (all or unspecified)	mineral oil	1.05	15	591,000.0	S
Cannabis (all or unspecified)	naa	0.02	55	19,662.0	S
Cannabis (all or unspecified)	paecilomyces fumosoroseus apopka strain 97	3.6	59	122,553.0	S
Cannabis (all or unspecified)	piperonyl butoxide	<0.01	1	1,014.0	S
Cannabis (all or unspecified)	piperonyl butoxide, other related	<0.01	1	1,014.0	S
Cannabis (all or unspecified)	potash soap	40.85	127	163,732.0	S
Cannabis (all or unspecified)	potassium bicarbonate	2.73	7	15,079.0	S
Cannabis (all or unspecified)	pyrethrins	0.06	19	25,989.0	S
Cannabis (all or unspecified)	pyrethrins	<0.01	8	14.0	U
Cannabis (all or unspecified)	qst 713 strain of dried bacillus subtilis	0.3	74	85,062.0	S
Cannabis (all or unspecified)	reynoutria sachalinensis	10.48	214	562,366.0	S
Cannabis (all or unspecified)	sodium carbonate peroxyhydrate	0.05	1	4,000.0	S
Cannabis (all or unspecified)	soybean oil	5.11	116	163,857.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Cannabis (all or unspecified)	spinosad	<0.01	2	1,418.0	S
Cannabis (all or unspecified)	streptomyces lydicus wyec 108	0.01	149	201,165.0	S
Cannabis (all or unspecified)	sulfur	1.6	10	14,754.0	S
Cannabis (all or unspecified)	trichoderma harzianum rifai strain krl-ag2	<0.01	1	1,838.0	S
Cannabis (all or unspecified)	trichoderma virens strain g-41	<0.01	1	1,838.0	S
Cannabis (all or unspecified)	beauveria bassiana strain ppri 5339	<0.01	2	2,116.0	S
Carrot	clarified hydrophobic extract of neem oil	0.51	6	2,710.0	S
Carrot	qst 713 strain of dried bacillus subtilis	0.02	6	2,710.0	S
Cauliflower	clarified hydrophobic extract of neem oil	0.51	6	425.0	S
Cauliflower	pyrethrins	<0.01	1	0.1	A
Cauliflower	qst 713 strain of dried bacillus subtilis	0.02	6	450.0	S
Cherry	copper hydroxide	0.01	3	3.0	U
Cherry	copper oxychloride	0.02	3	3.0	U
Cherry	sulfur	0.01	1	0.1	A
Chicory	clarified hydrophobic extract of neem oil	1.62	19	9,911.0	S
Chicory	qst 713 strain of dried bacillus subtilis	0.05	20	10,228.0	S
Chinese amaranth (chinese spinach, tampala, yin choy)	clarified hydrophobic extract of neem oil	0.62	9	600.0	S
Chinese amaranth (chinese spinach, tampala, yin choy)	qst 713 strain of dried bacillus subtilis	0.02	9	600.0	S
Cole crop	iron phosphate	0.01	1	800.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Commodity fumigation	sulfur dioxide	389.09	N/A	N/A	N/A
County ag comm	glyphosate, potassium salt	11.59	N/A	N/A	N/A
Cucumber	clarified hydrophobic extract of neem oil	1.02	12	3,290.0	S
Cucumber	qst 713 strain of dried bacillus subtilis	0.03	12	3,290.0	S
Dandelion green	clarified hydrophobic extract of neem oil	2.64	31	5,100.0	S
Dandelion green	qst 713 strain of dried bacillus subtilis	0.08	31	5,100.0	S
Eggplant	clarified hydrophobic extract of neem oil	1.11	13	8,350.0	S
Eggplant	qst 713 strain of dried bacillus subtilis	0.03	13	8,350.0	S
Fava bean	clarified hydrophobic extract of neem oil	1.36	16	6,077.0	S
Fava bean	qst 713 strain of dried bacillus subtilis	0.04	16	6,077.0	S
Forest, timberland	atrazine	5.86	1	10.0	A
Forest, timberland	atrazine, other related	0.11	1	10.0	A
Forest, timberland	clopyralid, monoethanolamine salt	1.98	1	7.0	A
Forest, timberland	glyphosate, dimethylamine salt	95.22	2	57.0	A
Forest, timberland	glyphosate, isopropylamine salt	60.14	6	93.33	A
Forest, timberland	imazapyr, isopropylamine salt	179.31	8	298.33	A
Forest, timberland	methyated soybean oil	206.45	7	135.33	A
Forest, timberland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	37.42	7	135.33	A
Forest, timberland	polyalkene oxide modified heptamethyl trisiloxane	3.64	6	93.33	A
Forest, timberland	triclopyr, triethylamine salt	0.23	N/A	600.0	U

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Fumigation, other	kresoxim-methyl	0.13	1	1.0	A
Fumigation, other	mineral oil	7.05	2	2.0	A
Fumigation, other	myclobutanil	0.8	1	1.0	A
Fumigation, other	sulfur dioxide	1.98	1	50,000.0	C
Fumigation, other	sulfur dioxide	93.07	6	290.0	U
Fumigation, other	sulfur dioxide	14,857.95	N/A	N/A	N/A
Golf course turf	azoxystrobin	0.19	N/A	30,000.0	S
Golf course turf	carfentrazone-ethyl	0.08	N/A	170,000.0	S
Golf course turf	chlorothalonil	5.98	N/A	1.0	A
Golf course turf	chlorothalonil	99.46	N/A	375,000.0	S
Golf course turf	clopyralid, monoethanolamine salt	0.06	N/A	30,000.0	S
Golf course turf	cyazofamid	0.06	N/A	1.0	A
Golf course turf	2,4-d, 2-ethylhexyl ester	1.57	N/A	170,000.0	S
Golf course turf	dicamba	0.1	N/A	170,000.0	S
Golf course turf	fludioxonil	0.24	N/A	1.0	A
Golf course turf	fluopicolide	0.08	N/A	1.0	A
Golf course turf	lecithin	2.16	N/A	170,000.0	S
Golf course turf	mecoprop-p	0.4	N/A	170,000.0	S
Golf course turf	methylated soybean oil	1.08	N/A	170,000.0	S
Golf course turf	propamocarb hydrochloride	0.83	N/A	1.0	A
Golf course turf	propiconazole	0.94	N/A	1.0	A
Golf course turf	propiconazole	3.7	N/A	165,000.0	S
Golf course turf	thiophanate-methyl	23.78	N/A	15.4	A
Golf course turf	thiophanate-methyl	15.81	N/A	135,000.0	S
Golf course turf	trinexapac-ethyl	0.28	N/A	270,000.0	S
Golf course turf	triticonazole	3.96	N/A	12.4	A
Golf course turf	alpha-undecyl-omega-hydroxypoly(oxyethylene)	1.08	N/A	170,000.0	S
Grape, wine	abamectin	36.0	44	294.96	A
Grape, wine	acetamiprid	369.66	296	5,786.19	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	acid blue 9, diammonium salt	29.07	3	3.0	U
Grape, wine	alcohols, c12 - c13, ethoxylated	7.24	18	75.5	A
Grape, wine	alpha-alkylaryl-omega-hydroxypoly(oxyethylene)	63.15	32	460.24	A
Grape, wine	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	8,965.25	8,407	70,576.52	A
Grape, wine	alpha-alkyl (c9-c16)-omega-hydroxypoly(oxyethylene)	68.77	18	280.43	A
Grape, wine	alpha-pinene beta-pinene copolymer	1,750.11	403	5,254.86	A
Grape, wine	alpha-alkyl (c12-c15)-omega-hydroxypoly(oxyethylene) sulfate, sodium salt	20.28	7	348.5	A
Grape, wine	alkyl (c8,c10) polyglucoside	1,532.04	407	6,817.68	A
Grape, wine	allyloxypolyethylene glycol acetate	72.56	140	1,643.8	A
Grape, wine	aluminum sulfate	159.6	7	79.8	A
Grape, wine	ammonium nitrate	3,309.43	2,934	26,602.95	A
Grape, wine	ammonium propionate	114.65	75	904.22	A
Grape, wine	ammonium sulfate	15,180.06	3,497	30,540.31	A
Grape, wine	azoxystrobin	1,931.13	874	9,976.81	A
Grape, wine	bacillus amyloliquefaciens strain d747	54.93	3	16.25	A
Grape, wine	bacillus pumilus, strain qst 2808	819.07	1,194	10,249.06	A
Grape, wine	bacillus amyloliquefaciens strain mbi 600	1.68	3	21.5	A
Grape, wine	bacillus thuringiensis (berliner)	0.21	3	28.25	A
Grape, wine	bacillus thuringiensis (berliner), subsp. kurstaki, serotype 3a,3b	0.91	1	7.1	A
Grape, wine	bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	169.64	35	476.71	A
Grape, wine	bacillus thuringiensis (berliner), subsp. kurstaki, strain sa-11	4.75	1	89.38	A
Grape, wine	benzoic acid	82.13	1,349	13,326.92	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	beta-conglutin	1.96	2	5.0	A
Grape, wine	bifenazate	284.0	37	1,096.01	A
Grape, wine	n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	13.33	137	2,263.64	A
Grape, wine	borax	4.63	2	133.5	A
Grape, wine	boric acid	30.72	1	12.0	A
Grape, wine	boscalid	2,015.86	724	7,977.54	A
Grape, wine	buprofezin	512.89	125	683.69	A
Grape, wine	burkholderia sp strain a396 cells and fermentation media	792.66	10	98.59	A
Grape, wine	butyl alcohol	1,793.97	3,523	44,210.11	A
Grape, wine	butyl lactate	451.84	794	10,268.02	A
Grape, wine	calcium chloride	16.54	75	402.79	A
Grape, wine	calcium hydroxide	66.24	4	73.0	A
Grape, wine	calcium hypochlorite	5.26	7	30.75	A
Grape, wine	capric acid	346.89	20	138.61	A
Grape, wine	caprylic acid	509.5	20	138.61	A
Grape, wine	capsicum oleoresin	2.21	37	182.28	A
Grape, wine	carbo methoxy ether cellulose, sodium salt	52.2	972	14,823.61	A
Grape, wine	carfentrazone-ethyl	147.26	787	5,846.28	A
Grape, wine	castor oil ethoxylate	1,444.57	1,182	18,816.57	A
Grape, wine	chlorantraniliprole	85.2	126	949.1	A
Grape, wine	citric acid	139.54	175	1,908.54	A
Grape, wine	clethodim	23.75	18	243.39	A
Grape, wine	clothianidin	262.7	223	1,885.19	A
Grape, wine	coconut diethanolamide	92.17	7	348.5	A
Grape, wine	copper ethanolamine complexes, mixed	2.8	1	1.0	A
Grape, wine	copper hydroxide	3,132.48	841	12,111.14	A
Grape, wine	copper oxide (ous)	11,261.39	1,387	12,481.78	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	copper oxychloride	3,522.33	802	11,816.95	A
Grape, wine	copper sulfate (basic)	230.44	8	247.15	A
Grape, wine	copper sulfate (pentahydrate)	357.98	2	95.0	A
Grape, wine	cyflufenamid	610.66	2,524	26,572.93	A
Grape, wine	cyflumetofen	153.15	54	1,181.21	A
Grape, wine	cyprodinil	10,871.61	4,192	45,608.38	A
Grape, wine	1,3-dichloropropene	10,256.72	3	30.9	A
Grape, wine	diethylene glycol	252.35	103	3,065.2	A
Grape, wine	difenoconazole	2,235.23	2,720	33,878.61	A
Grape, wine	dimethyl alkyl tertiary amines	89.68	1,349	13,326.92	A
Grape, wine	3,7-dimethyl-6-octen-1-ol	0.22	2	17.5	A
Grape, wine	dimethylpolysiloxane	104.69	4,963	59,330.59	A
Grape, wine	dimethyl silicone fluid emulsion	70.15	524	5,767.56	A
Grape, wine	dinotefuran	251.72	144	2,059.21	A
Grape, wine	diphacinone	<0.01	3	7.15	A
Grape, wine	alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	86.83	331	3,664.57	A
Grape, wine	ethylene glycol	1.05	5	6.3	A
Grape, wine	etoxazole	87.83	65	688.33	A
Grape, wine	farnesol	0.09	2	17.5	A
Grape, wine	fatty acids, methyl esters	192.8	29	219.8	A
Grape, wine	fatty acids, mixed	374.79	136	3,901.09	A
Grape, wine	fatty acids, c16-18 and c18-unsaturated, branched and linear	0.28	13	146.4	A
Grape, wine	fatty acids, c16-c18 and c18-unsaturated, methyl esters	26.12	111	284.84	A
Grape, wine	fenarimol	12.73	5	47.25	A
Grape, wine	fenhexamid	9,527.95	1,839	19,513.43	A
Grape, wine	fenpropathrin	2.08	3	17.1	A
Grape, wine	fenpyroximate	1.07	1	10.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	flzasulfuron	179.56	617	7,406.59	A
Grape, wine	fluazifop-p-butyl	223.24	108	885.13	A
Grape, wine	fludioxonil	926.68	659	4,941.09	A
Grape, wine	flumioxazin	3,432.65	1,380	14,333.47	A
Grape, wine	fluopyram	2,788.8	2,583	27,107.23	A
Grape, wine	flupyradifurone	321.83	174	2,223.05	A
Grape, wine	flutriafol	1,420.59	1,562	17,980.92	A
Grape, wine	fluxapyroxad	139.92	35	1,679.48	A
Grape, wine	forchlorfenuron	0.12	1	18.9	A
Grape, wine	garlic	43.5	539	923.32	A
Grape, wine	geraniol	0.22	2	17.5	A
Grape, wine	glufosinate-ammonium	10,380.11	1,412	11,935.74	A
Grape, wine	glycerol	73.8	142	988.39	A
Grape, wine	glyphosate, isopropylamine salt	10,761.84	800	10,391.45	A
Grape, wine	glyphosate, potassium salt	44,797.73	3,492	26,907.61	A
Grape, wine	heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	0.16	1	3.5	A
Grape, wine	hexythiazox	4.3	6	27.43	A
Grape, wine	hydrogen peroxide	2,499.3	249	1,448.87	A
Grape, wine	hydrotreated paraffinic solvent	1.81	4	36.0	A
Grape, wine	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	17,499.75	7,658	77,944.25	A
Grape, wine	imidacloprid	2,577.2	737	10,190.52	A
Grape, wine	indaziflam	399.76	1,395	11,080.44	A
Grape, wine	iron phosphate	3.16	8	22.36	A
Grape, wine	alpha-isodecyl-omega-hydroxypoly(oxyethylene)	15.67	111	284.84	A
Grape, wine	alpha-isodecyl-omega-hydroxypoly(oxyethylene) phosphate	71.69	60	273.28	A
Grape, wine	isopropyl alcohol	5.44	12	175.6	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	isoxaben	16.24	10	71.71	A
Grape, wine	kaolin	16,222.68	243	1,270.23	A
Grape, wine	kresoxim-methyl	241.98	137	1,891.19	A
Grape, wine	lauric acid	18.43	7	348.5	A
Grape, wine	lavandulyl senecioate	184.23	1,794	13,456.0	A
Grape, wine	lecithin	440.53	210	2,272.63	A
Grape, wine	lignin sulfonic acid, magnesium salt	1.82	1	1.25	A
Grape, wine	lime-sulfur	7,989.71	61	509.65	A
Grape, wine	limonene	10.17	1	1.2	A
Grape, wine	malathion	57.5	3	7.0	A
Grape, wine	mancozeb	20.11	5	19.5	A
Grape, wine	metalaxyl	0.34	1	28.0	A
Grape, wine	methoxyfenozide	278.95	69	1,299.02	A
Grape, wine	methylated soybean oil	8,119.37	1,996	17,844.02	A
Grape, wine	methyl silicone resins	179.38	53	1,823.4	A
Grape, wine	metrafenone	6,117.93	2,299	22,169.97	A
Grape, wine	mineral oil	218,056.97	3,961	41,354.91	A
Grape, wine	modified phthalic glycerol alkyd resin	0.39	2	8.0	A
Grape, wine	myclobutanil	1,229.97	848	13,962.7	A
Grape, wine	myrothecium verrucaria, dried fermentation solids & solubles, strain aarc-0255	1,146.33	18	145.3	A
Grape, wine	nerolidol	0.22	2	17.5	A
Grape, wine	4-nonylphenol, formaldehyde resin, propoxylated	1,653.64	1,257	20,109.85	A
Grape, wine	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	15,519.05	4,773	64,597.3	A
Grape, wine	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	59.02	139	534.04	A
Grape, wine	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	227.54	336	1,787.13	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	oleic acid, ethyl ester	752.2	144	1,707.32	A
Grape, wine	oleic acid, methyl ester	1,258.28	153	1,876.63	A
Grape, wine	oryzalin	73.04	4	20.84	A
Grape, wine	oxyfluorfen	3,139.2	484	4,020.91	A
Grape, wine	pendimethalin	6,119.6	422	2,742.8	A
Grape, wine	peroxyacetic acid	144.67	133	1,217.97	A
Grape, wine	petroleum distillates, refined	91,950.92	940	16,732.5	A
Grape, wine	petroleum hydrocarbons	7.18	4	16.54	A
Grape, wine	petroleum oil, paraffin based	2.31	1	10.0	A
Grape, wine	petroleum oil, unclassified	7,333.59	91	1,778.14	A
Grape, wine	phosphoric acid	2.56	18	557.15	A
Grape, wine	polyacrylamide polymer	4.23	26	632.45	A
Grape, wine	polyalkene oxide modified heptamethyl trisiloxane	47.19	51	609.02	A
Grape, wine	polyalkyleneoxide modified polydimethyl-siloxane	233.09	210	2,699.75	A
Grape, wine	poly(oxy-1,2-ethanediyl), alpha-isodecyl-omega-hydroxy-phosphate, potassium salt	26.07	60	273.28	A
Grape, wine	polyether modified polysiloxane	553.26	286	3,145.0	A
Grape, wine	polyethoxylated castor oil	799.1	367	2,904.5	A
Grape, wine	polyethylene glycol	38.27	19	494.87	A
Grape, wine	polyethylene glycol diacetate	6.6	140	1,643.8	A
Grape, wine	polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	129.43	151	1,502.04	A
Grape, wine	polyethylene glycol stearate	188.05	144	1,707.32	A
Grape, wine	poly-i-para-menthene	270.65	109	1,078.26	A
Grape, wine	polymerized acrylic acid	0.85	2	12.0	A
Grape, wine	polymerized pinene	182.99	65	673.35	A
Grape, wine	polyoxin d, zinc salt	378.92	732	8,998.98	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	80.08	256	2,619.66	A
Grape, wine	poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	34.14	48	1,800.4	A
Grape, wine	polyoxyethylene sorbitol, mixed ether ester	0.47	1	10.0	A
Grape, wine	polyoxyethylene sorbitan monolaurate	3,973.97	794	10,268.02	A
Grape, wine	polypropylene glycol	0.07	4	14.0	A
Grape, wine	potash soap	18.82	1	3.79	A
Grape, wine	potassium bicarbonate	17,874.05	710	7,355.04	A
Grape, wine	potassium phosphite	102.58	5	28.0	A
Grape, wine	potassium silicate	50.23	6	38.19	A
Grape, wine	propionic acid	96.68	36	333.13	A
Grape, wine	propylene glycol	109.75	193	2,121.61	A
Grape, wine	pyraclostrobin	1,163.85	759	9,657.02	A
Grape, wine	pyraflufen-ethyl	2.3	59	773.21	A
Grape, wine	pyrethrins	5.01	29	180.91	A
Grape, wine	pyrimethanil	3,708.8	808	11,279.65	A
Grape, wine	pyriofenone	1,054.8	792	11,840.21	A
Grape, wine	qst 713 strain of dried bacillus subtilis	3,824.7	1,855	16,118.68	A
Grape, wine	quillaja	145.14	980	14,837.41	A
Grape, wine	quinoxifen	4,325.34	3,906	45,106.98	A
Grape, wine	reynoutria sachalinensis	611.87	633	2,943.87	A
Grape, wine	rimsulfuron	140.64	697	8,089.02	A
Grape, wine	sethoxydim	125.26	96	474.71	A
Grape, wine	silicone	7.0	79	792.52	A
Grape, wine	silica filled polydimethylsiloxane	3.06	804	10,461.88	A
Grape, wine	simazine	783.07	11	148.8	A
Grape, wine	sodium bisulfate	10.36	4	29.0	A
Grape, wine	sodium diisooctylsulfosuccinate	0.14	13	146.4	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	sodium hydroxide	4.52	18	557.15	A
Grape, wine	sodium hypochlorite	17.99	18	193.16	A
Grape, wine	sodium polyacrylate	2.82	73	892.22	A
Grape, wine	sodium xylene sulfonate	0.9	13	146.4	A
Grape, wine	spinetoram	14.87	6	191.92	A
Grape, wine	spinosad	0.23	9	22.66	A
Grape, wine	spirotetramat	1,664.13	1,023	14,482.69	A
Grape, wine	starch	0.02	7	174.7	A
Grape, wine	strychnine	4.07	30	492.0	A
Grape, wine	styrene butadiene copolymer	23.92	49	470.52	A
Grape, wine	sulfur	1,737,415.24	20,236	253,932.79	A
Grape, wine	sulfur dioxide	0.25	N/A	10.0	P
Grape, wine	sulfur dioxide	11.63	N/A	1,038.0	U
Grape, wine	tall oil	0.83	4	36.0	A
Grape, wine	tall oil fatty acids	606.66	546	5,778.21	A
Grape, wine	tartrazine	2.4	3	3.0	U
Grape, wine	tebuconazole	2,462.22	2,396	24,051.24	A
Grape, wine	tebufenozide	5.68	1	89.38	A
Grape, wine	tetraconazole	474.09	674	12,211.55	A
Grape, wine	alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	0.86	1	1.6	A
Grape, wine	thiamethoxam	171.74	170	1,894.31	A
Grape, wine	thiophanate-methyl	1,227.82	283	2,072.28	A
Grape, wine	trichoderma icc 012 asperellum	0.02	1	0.67	A
Grape, wine	trichoderma icc 080 gamsii	0.02	1	0.67	A
Grape, wine	triclopyr, butoxyethyl ester	0.9	2	8.0	A
Grape, wine	trifloxystrobin	1,145.71	786	11,770.39	A
Grape, wine	triflumizole	997.66	331	4,323.92	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	233.25	186	1,773.11	A
Grape, wine	alpha-undecyl-omega-hydroxypoly(oxyethylene)	543.25	97	2,970.63	A
Grape, wine	urea	58.2	111	284.84	A
Grape, wine	yucca schidigera	130.51	539	923.32	A
Grape, wine	zinc phosphide	5.25	4	32.8	A
Herb, spice	clarified hydrophobic extract of neem oil	3.84	45	34,920.0	S
Herb, spice	magnesium phosphide	0.14	N/A	4.0	A
Herb, spice	magnesium phosphide	1.4	N/A	30,000.0	S
Herb, spice	magnesium phosphide	0.14	N/A	3,000.0	U
Herb, spice	phosphine	3.67	N/A	5,000.0	S
Herb, spice	qst 713 strain of dried bacillus subtilis	0.12	45	34,824.0	S
Industrial hemp	azadirachtin	0.03	12	16,130.0	S
Industrial hemp	burkholderia sp strain a396 cells and fermentation media	6.24	8	10,930.0	S
Industrial hemp	margosa oil	0.05	1	1,673.0	S
Industrial hemp	pyrethrins	<0.01	1	1,673.0	S
Industrial processing water	poly(oxyethylene) (dimethylimino) ethylene (dimethylimino) ethylene dichloride	59.99	N/A	90,000.0	U
Industrial waste disposal systems, disposal water	didecyl dimethyl ammonium chloride	978.85	N/A	1.0	U
Kale	clarified hydrophobic extract of neem oil	3.75	44	8,828.0	S
Kale	pyrethrins	<0.01	1	0.1	A
Kale	qst 713 strain of dried bacillus subtilis	0.12	44	8,828.0	S
Landscape maintenance	abamectin	0.02	N/A	N/A	N/A
Landscape maintenance	acephate	1.35	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	acetamiprid	3.62	N/A	N/A	N/A
Landscape maintenance	acibenzolar-s-methyl	0.04	2	24.0	A
Landscape maintenance	acibenzolar-s-methyl	1.46	N/A	N/A	N/A
Landscape maintenance	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	0.45	N/A	N/A	N/A
Landscape maintenance	alpha-alkyl (c9-c16)-omega-hydroxypoly(oxyethylene)	0.7	N/A	N/A	N/A
Landscape maintenance	alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	0.28	N/A	N/A	N/A
Landscape maintenance	alkyl (c8,c10) polyglucoside	233.33	N/A	N/A	N/A
Landscape maintenance	aminopyralid, triisopropanolamine salt	2.74	N/A	N/A	N/A
Landscape maintenance	ammonium nonanoate	14.87	N/A	N/A	N/A
Landscape maintenance	ammonium nitrate	27.48	N/A	N/A	N/A
Landscape maintenance	ammonium sulfate	460.52	N/A	N/A	N/A
Landscape maintenance	azadirachtin	0.6	N/A	N/A	N/A
Landscape maintenance	azoxystrobin	2.09	3	25.5	A
Landscape maintenance	azoxystrobin	43.65	N/A	N/A	N/A
Landscape maintenance	bacillus subtilis gb03	0.01	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	26.7	N/A	N/A	N/A
Landscape maintenance	benzoic acid	0.23	N/A	N/A	N/A
Landscape maintenance	bifenazate	0.09	N/A	N/A	N/A
Landscape maintenance	bifenthrin	132.27	N/A	N/A	N/A
Landscape maintenance	borax	<0.01	N/A	N/A	N/A
Landscape maintenance	boric acid	<0.01	N/A	N/A	N/A
Landscape maintenance	bromacil	1.2	N/A	N/A	N/A
Landscape maintenance	bromadiolone	0.05	N/A	N/A	N/A
Landscape maintenance	bromethalin	0.02	N/A	N/A	N/A
Landscape maintenance	butyl alcohol	0.24	N/A	N/A	N/A
Landscape maintenance	butyl lactate	0.17	N/A	N/A	N/A
Landscape maintenance	capric acid	105.25	N/A	N/A	N/A
Landscape maintenance	caprylic acid	154.59	N/A	N/A	N/A
Landscape maintenance	carfentrazone-ethyl	7.44	N/A	N/A	N/A
Landscape maintenance	chlorantraniliprole	34.75	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	chlorophacinone	<0.01	N/A	N/A	N/A
Landscape maintenance	chlorothalonil	2,028.52	N/A	N/A	N/A
Landscape maintenance	chlorpyrifos	1.74	N/A	N/A	N/A
Landscape maintenance	chlorsulfuron	2.05	N/A	N/A	N/A
Landscape maintenance	cholecalciferol	<0.01	N/A	N/A	N/A
Landscape maintenance	chromobacterium subtsugae strain praa4-1	0.08	N/A	N/A	N/A
Landscape maintenance	clarified hydrophobic extract of neem oil	6.04	N/A	N/A	N/A
Landscape maintenance	clopyralid, monoethanolamine salt	64.63	N/A	N/A	N/A
Landscape maintenance	clopyralid, triethylamine salt	3.74	N/A	N/A	N/A
Landscape maintenance	clothianidin	2.48	N/A	N/A	N/A
Landscape maintenance	coconut diethanolamide	0.08	N/A	N/A	N/A
Landscape maintenance	copper ammonium complex	3.01	N/A	N/A	N/A
Landscape maintenance	copper diammonium diacetate complex	3.76	N/A	N/A	N/A
Landscape maintenance	copper ethanolamine complexes, mixed	64.97	N/A	N/A	N/A
Landscape maintenance	copper hydroxide	16.48	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	copper oxide (ous)	13.86	N/A	N/A	N/A
Landscape maintenance	copper oxychloride	17.8	N/A	N/A	N/A
Landscape maintenance	coyote urine	0.01	N/A	N/A	N/A
Landscape maintenance	cyazofamid	3.11	N/A	N/A	N/A
Landscape maintenance	cyfluthrin	<0.01	N/A	N/A	N/A
Landscape maintenance	beta-cyfluthrin	6.99	N/A	N/A	N/A
Landscape maintenance	2,4-d	1.91	N/A	N/A	N/A
Landscape maintenance	2,4-d, dimethylamine salt	106.37	N/A	N/A	N/A
Landscape maintenance	2,4-d, 2-ethylhexyl ester	138.78	N/A	N/A	N/A
Landscape maintenance	2,4-d, isooctyl ester	24.32	N/A	N/A	N/A
Landscape maintenance	dicamba	10.77	N/A	N/A	N/A
Landscape maintenance	dicamba, dimethylamine salt	7.91	N/A	N/A	N/A
Landscape maintenance	diethylene glycol	9.56	N/A	N/A	N/A
Landscape maintenance	difenoconazole	0.37	1	1.5	A
Landscape maintenance	difenoconazole	6.34	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	difenzoquat methyl sulfate	17.47	N/A	N/A	N/A
Landscape maintenance	diglycolamine salt of 3,6-dichloro-o-anisic acid	0.19	N/A	N/A	N/A
Landscape maintenance	dikegulac sodium	7.19	N/A	N/A	N/A
Landscape maintenance	dimethyl alkyl tertiary amines	0.25	N/A	N/A	N/A
Landscape maintenance	dimethylpolysiloxane	0.54	N/A	N/A	N/A
Landscape maintenance	dinotefuran	1.49	N/A	N/A	N/A
Landscape maintenance	diphacinone	0.02	N/A	N/A	N/A
Landscape maintenance	diquat dibromide	162.46	N/A	N/A	N/A
Landscape maintenance	disulfoton	0.48	N/A	N/A	N/A
Landscape maintenance	dithiopyr	182.37	N/A	N/A	N/A
Landscape maintenance	diuron	14.32	N/A	N/A	N/A
Landscape maintenance	dodecylbenzene sulfonic acid	0.36	N/A	N/A	N/A
Landscape maintenance	alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	0.46	N/A	N/A	N/A
Landscape maintenance	edta, tetrasodium salt	0.02	N/A	N/A	N/A
Landscape maintenance	emamectin benzoate	0.14	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	endothall, dipotassium salt	43.49	N/A	N/A	N/A
Landscape maintenance	esfenvalerate	0.37	N/A	N/A	N/A
Landscape maintenance	ethephon	430.81	N/A	N/A	N/A
Landscape maintenance	ethofumesate	108.02	N/A	N/A	N/A
Landscape maintenance	fatty acids derived from tallow	0.11	N/A	N/A	N/A
Landscape maintenance	fenarimol	0.01	N/A	N/A	N/A
Landscape maintenance	ferric sodium edta	0.08	N/A	N/A	N/A
Landscape maintenance	fipronil	<0.01	N/A	N/A	N/A
Landscape maintenance	fluazifop-butyl	1.24	N/A	N/A	N/A
Landscape maintenance	fluazifop-p-butyl	1.37	N/A	N/A	N/A
Landscape maintenance	fluazinam	26.69	N/A	N/A	N/A
Landscape maintenance	fludioxonil	47.42	N/A	N/A	N/A
Landscape maintenance	flumioxazin	1.76	N/A	N/A	N/A
Landscape maintenance	fluopicolide	0.08	N/A	N/A	N/A
Landscape maintenance	fluopyram	5.7	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	fluoxastrobin	1.38	N/A	N/A	N/A
Landscape maintenance	fluridone	3.0	N/A	N/A	N/A
Landscape maintenance	flurprimidol	4.46	N/A	N/A	N/A
Landscape maintenance	flutolanil	127.4	N/A	N/A	N/A
Landscape maintenance	tau-fluvalinate	0.01	N/A	N/A	N/A
Landscape maintenance	fluxapyroxad	7.02	N/A	N/A	N/A
Landscape maintenance	fosetyl-al	0.75	N/A	N/A	N/A
Landscape maintenance	fox urine	<0.01	N/A	N/A	N/A
Landscape maintenance	free fatty acids and/or amine salts	29.41	N/A	N/A	N/A
Landscape maintenance	gamma-cyhalothrin	0.01	N/A	N/A	N/A
Landscape maintenance	glufosinate-ammonium	48.96	N/A	N/A	N/A
Landscape maintenance	glyphosate, isopropylamine salt	4,365.23	N/A	N/A	N/A
Landscape maintenance	glyphosate, monoammonium salt	41.84	N/A	N/A	N/A
Landscape maintenance	glyphosate, potassium salt	860.8	N/A	N/A	N/A
Landscape maintenance	heptyl butyrate	0.53	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	hydrogen peroxide	24.9	N/A	N/A	N/A
Landscape maintenance	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	0.8	N/A	N/A	N/A
Landscape maintenance	imazapic, ammonium salt	0.02	N/A	N/A	N/A
Landscape maintenance	imazapyr, isopropylamine salt	0.12	N/A	N/A	N/A
Landscape maintenance	imidacloprid	119.71	N/A	N/A	N/A
Landscape maintenance	indaziflam	1.51	N/A	N/A	N/A
Landscape maintenance	indoxacarb	1.58	N/A	N/A	N/A
Landscape maintenance	iprodione	45.97	2	13.5	A
Landscape maintenance	iprodione	352.13	N/A	N/A	N/A
Landscape maintenance	iron phosphate	41.54	N/A	N/A	N/A
Landscape maintenance	isopropyl alcohol	0.18	N/A	N/A	N/A
Landscape maintenance	isoxaben	341.83	N/A	N/A	N/A
Landscape maintenance	lambda-cyhalothrin	0.29	N/A	N/A	N/A
Landscape maintenance	lecithin	2.09	N/A	N/A	N/A
Landscape maintenance	limonene	106.67	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	malathion	1.57	N/A	N/A	N/A
Landscape maintenance	mancozeb	258.3	N/A	N/A	N/A
Landscape maintenance	mcpp	0.86	N/A	N/A	N/A
Landscape maintenance	mcpp-p, dimethylamine salt	23.4	N/A	N/A	N/A
Landscape maintenance	mecoprop-p	33.35	N/A	N/A	N/A
Landscape maintenance	mefenoxam	7.17	N/A	N/A	N/A
Landscape maintenance	mefenoxam, other related	0.21	N/A	N/A	N/A
Landscape maintenance	mesotrione	37.58	N/A	N/A	N/A
Landscape maintenance	metaldehyde	0.2	N/A	N/A	N/A
Landscape maintenance	metconazole	4.23	N/A	N/A	N/A
Landscape maintenance	methyl anthranilate	17.7	N/A	N/A	N/A
Landscape maintenance	methylated soybean oil	9.31	N/A	N/A	N/A
Landscape maintenance	mineral oil	1,682.23	N/A	N/A	N/A
Landscape maintenance	msma	16.39	N/A	N/A	N/A
Landscape maintenance	myclobutanil	5.02	1	3.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	myclobutanil	3,005.75	N/A	N/A	N/A
Landscape maintenance	naa, ammonium salt	1.62	N/A	N/A	N/A
Landscape maintenance	naa, ethyl ester	0.71	N/A	N/A	N/A
Landscape maintenance	napropamide	0.47	N/A	N/A	N/A
Landscape maintenance	nonanoic acid	24.71	N/A	N/A	N/A
Landscape maintenance	nonanoic acid, other related	1.3	N/A	N/A	N/A
Landscape maintenance	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	358.31	N/A	N/A	N/A
Landscape maintenance	n-octyl bicycloheptene dicarboximide	0.02	N/A	N/A	N/A
Landscape maintenance	oleic acid, ethyl ester	17.51	N/A	N/A	N/A
Landscape maintenance	oleic acid, methyl ester	34.08	N/A	N/A	N/A
Landscape maintenance	oryzalin	283.41	N/A	N/A	N/A
Landscape maintenance	oxadiazon	9.47	N/A	N/A	N/A
Landscape maintenance	oxyfluorfen	9.53	N/A	N/A	N/A
Landscape maintenance	oxytetracycline hydrochloride	0.02	N/A	N/A	N/A
Landscape maintenance	paclobutrazol	29.9	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	pcnb	78.98	N/A	N/A	N/A
Landscape maintenance	pcp, other related	0.01	N/A	N/A	N/A
Landscape maintenance	pendimethalin	382.47	N/A	N/A	N/A
Landscape maintenance	penoxsulam	4.24	N/A	N/A	N/A
Landscape maintenance	pentachlorophenol	0.06	N/A	N/A	N/A
Landscape maintenance	penthioopyrad	40.13	N/A	N/A	N/A
Landscape maintenance	permethrin	199.33	N/A	N/A	N/A
Landscape maintenance	peroxyacetic acid	1.84	N/A	N/A	N/A
Landscape maintenance	petroleum distillates	5.87	N/A	N/A	N/A
Landscape maintenance	petroleum distillates, refined	48.4	N/A	N/A	N/A
Landscape maintenance	petroleum oil, paraffin based	3.43	N/A	N/A	N/A
Landscape maintenance	petroleum oil, unclassified	7.68	N/A	N/A	N/A
Landscape maintenance	phosphoric acid	0.07	N/A	N/A	N/A
Landscape maintenance	piperonyl butoxide	3.22	N/A	N/A	N/A
Landscape maintenance	piperonyl butoxide, other related	0.8	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	polyalkene oxide modified heptamethyl trisiloxane	123.24	N/A	N/A	N/A
Landscape maintenance	polyethylene glycol stearate	0.1	N/A	N/A	N/A
Landscape maintenance	polymerized pinene	8.25	N/A	N/A	N/A
Landscape maintenance	polyoxin d, zinc salt	3.48	N/A	N/A	N/A
Landscape maintenance	polyoxyethylene dioleate	3.0	N/A	N/A	N/A
Landscape maintenance	polyoxyethylene sorbitan monolaurate	1.5	N/A	N/A	N/A
Landscape maintenance	polyoxyethylene sorbitan monooleate	0.86	N/A	N/A	N/A
Landscape maintenance	potassium phosphite	7,895.73	N/A	N/A	N/A
Landscape maintenance	prodiamine	17,530.14	N/A	N/A	N/A
Landscape maintenance	propamocarb	6.01	N/A	N/A	N/A
Landscape maintenance	propamocarb hydrochloride	0.83	N/A	N/A	N/A
Landscape maintenance	propiconazole	106.31	N/A	N/A	N/A
Landscape maintenance	propylene glycol	50.65	N/A	N/A	N/A
Landscape maintenance	pyraclostrobin	18.07	N/A	N/A	N/A
Landscape maintenance	pyrethrins	0.41	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	pyriproxyfen	0.5	N/A	N/A	N/A
Landscape maintenance	quinclorac	0.45	N/A	N/A	N/A
Landscape maintenance	quinclorac, dimethylamine salt	15.49	N/A	N/A	N/A
Landscape maintenance	rimsulfuron	0.14	N/A	N/A	N/A
Landscape maintenance	silica aerogel	0.2	N/A	N/A	N/A
Landscape maintenance	silicone defoamer	0.01	N/A	N/A	N/A
Landscape maintenance	silica filled polydimethylsiloxane	<0.01	N/A	N/A	N/A
Landscape maintenance	sodium xylene sulfonate	0.11	N/A	N/A	N/A
Landscape maintenance	spinosad	16.05	N/A	N/A	N/A
Landscape maintenance	strychnine	0.51	N/A	N/A	N/A
Landscape maintenance	sulfentrazone	1.49	N/A	N/A	N/A
Landscape maintenance	sulfometuron-methyl	4.07	N/A	N/A	N/A
Landscape maintenance	sulfur	1.2	N/A	N/A	N/A
Landscape maintenance	tall oil fatty acids	17.69	N/A	N/A	N/A
Landscape maintenance	tebuconazole	27.37	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
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	0.05	N/A	N/A	N/A
Landscape maintenance	thiamethoxam	6.75	N/A	N/A	N/A
Landscape maintenance	thiophanate-methyl	260.64	N/A	N/A	N/A
Landscape maintenance	topramezone	2.46	N/A	N/A	N/A
Landscape maintenance	triadimefon	5.19	N/A	N/A	N/A
Landscape maintenance	triclopyr, butoxyethyl ester	368.86	N/A	N/A	N/A
Landscape maintenance	triclopyr choline	47.26	N/A	N/A	N/A
Landscape maintenance	triclopyr, triethylamine salt	176.73	N/A	N/A	N/A
Landscape maintenance	triethanolamine	0.14	N/A	N/A	N/A
Landscape maintenance	trifloxystrobin	8.84	N/A	N/A	N/A
Landscape maintenance	trifluralin	35.0	N/A	N/A	N/A
Landscape maintenance	alpha-2,4,6-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	0.21	N/A	N/A	N/A
Landscape maintenance	trinexapac-ethyl	91.74	N/A	N/A	N/A
Landscape maintenance	triticonazole	13.15	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	alpha-undecyl-omega-hydroxypoly(oxyethylene)	0.69	N/A	N/A	N/A
Landscape maintenance	zinc phosphide	1.46	N/A	N/A	N/A
Lettuce, head	clarified hydrophobic extract of neem oil	3.84	45	51,632.0	S
Lettuce, head	qst 713 strain of dried bacillus subtilis	0.12	45	51,632.0	S
Melon	pyrethrins	0.02	1	500.0	S
Mustard	clarified hydrophobic extract of neem oil	2.88	38	4,790.0	S
Mustard	qst 713 strain of dried bacillus subtilis	0.1	38	4,565.0	S
N-grnhs flower	abamectin	1.08	27	42.5	A
N-grnhs flower	abamectin	0.18	3	360,000.0	S
N-grnhs flower	acephate	208.34	29	126.0	A
N-grnhs flower	acephate	9.0	4	480,000.0	S
N-grnhs flower	acetamiprid	0.37	2	1.5	A
N-grnhs flower	alpha-alkylaryl-omega-hydroxypoly(oxyethylene)	0.64	N/A	3.0	A
N-grnhs flower	aminopyralid, triisopropanolamine salt	0.02	N/A	1,300.0	S
N-grnhs flower	bacillus amyloliquefaciens strain d747	298.86	4	460,000.0	S
N-grnhs flower	boscalid	4.73	7	9.0	A
N-grnhs flower	boscalid	0.38	1	120,000.0	S
N-grnhs flower	bromadiolone	<0.01	N/A	10.0	A
N-grnhs flower	buprofezin	1.05	2	1.5	A
N-grnhs flower	cyantraniliprole	1.17	3	4.0	A
N-grnhs flower	cyflumetofen	2.99	6	6.0	A
N-grnhs flower	cyprodinil	16.1	15	63.0	A
N-grnhs flower	cyromazine	1.95	5	5.0	A
N-grnhs flower	dimethylpolysiloxane	0.14	40	36.5	A
N-grnhs flower	fenhexamid	6.25	3	7.0	A
N-grnhs flower	fludioxonil	9.8	15	60.0	A
N-grnhs flower	tau-fluvalinate	2.08	4	480,000.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs flower	heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	534.27	102	466.5	A
N-grnhs flower	imidacloprid	0.93	5	600,000.0	S
N-grnhs flower	iprodione	8.0	2	8.0	A
N-grnhs flower	mefenoxam	0.06	1	120,000.0	S
N-grnhs flower	mefenoxam	0.05	N/A	5.0	U
N-grnhs flower	mefenoxam, other related	<0.01	1	120,000.0	S
N-grnhs flower	mefenoxam, other related	<0.01	N/A	5.0	U
N-grnhs flower	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	4.21	N/A	125.0	U
N-grnhs flower	piperalin	37.49	30	42.0	A
N-grnhs flower	polyalkene oxide modified heptamethyl trisiloxane	0.87	7	9.5	A
N-grnhs flower	polyalkene oxide modified heptamethyl trisiloxane	2.14	N/A	125.0	U
N-grnhs flower	polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	4.73	40	36.5	A
N-grnhs flower	poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	101.77	102	466.5	A
N-grnhs flower	potassium phosphite	70.09	N/A	130.0	U
N-grnhs flower	propylene glycol	12.3	47	46.0	A
N-grnhs flower	propylene glycol	0.71	N/A	125.0	U
N-grnhs flower	pyraclostrobin	2.4	7	9.0	A
N-grnhs flower	pyraclostrobin	0.76	1	120,000.0	S
N-grnhs flower	pyridalyl	28.32	19	102.0	A
N-grnhs flower	spinosad	13.71	29	128.0	A
N-grnhs flower	spirotetramat	5.69	10	60.0	A
N-grnhs flower	starch	0.03	40	36.5	A
N-grnhs flower	styrene butadiene copolymer	16.67	47	46.0	A
N-grnhs flower	sulfur	52.13	1	12.72	A
N-grnhs flower	triclopyr, triethylamine salt	0.16	N/A	650.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs flower	alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	7.02	47	46.0	A
N-grnhs plants in containers	boscalid	1.32	2	17,595.0	U
N-grnhs plants in containers	cyprodinil	1.4	N/A	6.0	A
N-grnhs plants in containers	difenoconazole	0.34	N/A	3.0	A
N-grnhs plants in containers	dinotefuran	0.1	1	0.03	A
N-grnhs plants in containers	fosetyl-al	0.45	1	1,000.0	S
N-grnhs plants in containers	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	1.61	1	9.0	A
N-grnhs plants in containers	mefenoxam	0.18	3	3,000.0	S
N-grnhs plants in containers	mefenoxam	0.15	2	18,107.0	U
N-grnhs plants in containers	mefenoxam, other related	0.01	3	3,000.0	S
N-grnhs plants in containers	mefenoxam, other related	0.01	2	18,107.0	U
N-grnhs plants in containers	metaldehyde	0.08	1	0.03	A
N-grnhs plants in containers	metaldehyde	0.23	11	990.0	U
N-grnhs plants in containers	mineral oil	0.97	1	300.0	S
N-grnhs plants in containers	potassium bicarbonate	0.9	3	4,675.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs plants in containers	potassium hydroxide	27.09	1	9.0	A
N-grnhs plants in containers	pyraclostrobin	0.67	2	17,595.0	U
N-grnhs plants in containers	spinosad	0.01	1	1,888.0	S
N-grnhs plants in containers	spiromesifen	0.1	1	0.03	A
N-grnhs plants in containers	spirotetramat	<0.01	1	1,800.0	S
N-grnhs plants in containers	sulfur	20.0	N/A	6.0	A
N-grnhs plants in containers	tetraconazole	0.24	1	9.0	A
N-grnhs plants in containers	thiophanate-methyl	0.49	20	460.0	S
N-grnhs plants in containers	triflumizole	0.73	N/A	3.0	A
N-grnhs transplants	abamectin	0.05	13	184,000.0	S
N-grnhs transplants	acephate	6.29	23	348,000.0	S
N-grnhs transplants	acetamiprid	0.28	7	116,000.0	S
N-grnhs transplants	ametoctradin	0.08	1	12,000.0	S
N-grnhs transplants	azadirachtin	0.12	11	152,000.0	S
N-grnhs transplants	azoxystrobin	2.75	7	217,902.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs transplants	bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	<0.01	1	20.0	U
N-grnhs transplants	bacillus thuringiensis (berliner), subsp. kurstaki, strain sa-11	0.17	9	104,000.0	S
N-grnhs transplants	bifenazate	2.03	6	194,348.0	S
N-grnhs transplants	bifenthrin	0.39	9	122,000.0	S
N-grnhs transplants	boscalid	1.52	18	585,199.0	S
N-grnhs transplants	chlorantraniliprole	0.09	1	44,550.0	S
N-grnhs transplants	clothianidin	1.73	9	362,903.0	S
N-grnhs transplants	copper hydroxide	1.13	5	74,000.0	S
N-grnhs transplants	copper oxide (ous)	13.66	14	438,581.0	S
N-grnhs transplants	cyantraniliprole	0.06	2	20,000.0	S
N-grnhs transplants	cyflufenamid	0.01	1	10,000.0	S
N-grnhs transplants	cyprodinil	0.04	1	10,000.0	S
N-grnhs transplants	dimethomorph	0.06	1	12,000.0	S
N-grnhs transplants	dinotefuran	0.05	4	58,134.0	S
N-grnhs transplants	etoxazole	0.27	3	86,526.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs transplants	fenamidone	0.1	1	10,000.0	S
N-grnhs transplants	fenhexamid	5.84	13	555,040.0	S
N-grnhs transplants	fludioxonil	0.09	2	11,200.0	S
N-grnhs transplants	fluopicolide	0.19	5	60,000.0	S
N-grnhs transplants	tau-fluvalinate	0.04	1	12,000.0	S
N-grnhs transplants	fosetyl-al	5.43	4	66,000.0	S
N-grnhs transplants	glyphosate, isopropylamine salt	0.87	2	12,000.0	S
N-grnhs transplants	glyphosate, potassium salt	0.43	1	45,000.0	S
N-grnhs transplants	hydrogen peroxide	0.78	1	172.0	S
N-grnhs transplants	hydrogen peroxide	6.3	5	4,307.0	U
N-grnhs transplants	imidacloprid	1.3	21	511,298.0	S
N-grnhs transplants	iron phosphate	0.11	5	2.5	A
N-grnhs transplants	iron phosphate	0.22	2	59,693.0	S
N-grnhs transplants	mancozeb	0.56	2	20,000.0	S
N-grnhs transplants	mefenoxam	0.19	3	6,600.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs transplants	peroxyacetic acid	0.06	1	172.0	S
N-grnhs transplants	peroxyacetic acid	0.46	5	4,307.0	U
N-grnhs transplants	petroleum distillates, refined	22.16	12	98,208.0	S
N-grnhs transplants	potassium bicarbonate	5.94	10	148,000.0	S
N-grnhs transplants	potassium phosphite	3.01	3	119,700.0	S
N-grnhs transplants	pyraclostrobin	1.14	18	585,199.0	S
N-grnhs transplants	pyrethrins	0.24	9	157,587.0	S
N-grnhs transplants	qst 713 strain of dried bacillus subtilis	0.18	5	74,000.0	S
N-grnhs transplants	spinosad	0.3	7	239,684.0	S
N-grnhs transplants	spirotetramat	0.38	3	151,929.0	S
N-grnhs transplants	tetraconazole	0.02	1	44,550.0	S
N-grnhs transplants	thiophanate-methyl	10.28	30	380,600.0	S
N-outdr flower	acetamiprid	1.51	4	4.5	A
N-outdr flower	capric acid	4.8	1	2.0	A
N-outdr flower	caprylic acid	7.05	1	2.0	A
N-outdr flower	chlorothalonil	23.97	1	10.0	A
N-outdr flower	clarified hydrophobic extract of neem oil	3.07	36	3,650.0	S
N-outdr flower	copper hydroxide	2.54	1	5.5	A
N-outdr flower	dimethylpolysiloxane	0.03	8	9.5	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-outdr flower	glyphosate, isopropylamine salt	10.63	2	10.25	A
N-outdr flower	glyphosate, potassium salt	34.61	5	17.5	A
N-outdr flower	iron phosphate	0.01	2	1,184.0	S
N-outdr flower	mancozeb	20.62	2	11.0	A
N-outdr flower	oxyfluorfen	15.19	6	24.75	A
N-outdr flower	permethrin	2.26	4	5.0	A
N-outdr flower	polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	0.96	8	9.5	A
N-outdr flower	propylene glycol	2.12	8	9.5	A
N-outdr flower	qst 713 strain of dried bacillus subtilis	0.1	36	3,650.0	S
N-outdr flower	starch	0.01	8	9.5	A
N-outdr flower	styrene butadiene copolymer	2.87	8	9.5	A
N-outdr flower	alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	1.19	8	9.5	A
N-outdr plants in containers	abamectin	<0.01	2	3,038.0	S
N-outdr plants in containers	acephate	12.61	13	20.0	A
N-outdr plants in containers	azadirachtin	0.33	53	265.0	A
N-outdr plants in containers	azadirachtin	0.1	5	45,404.0	S
N-outdr plants in containers	azoxystrobin	0.25	2	3.0	A
N-outdr plants in containers	bacillus thuringiensis (berliner), subsp. kurstaki, serotype 3a,3b	0.01	2	894.0	S
N-outdr plants in containers	bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	12.99	25	125.0	A
N-outdr plants in containers	beauveria bassiana strain gha	1.6	14	70.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-outdr plants in containers	bifenthrin	0.17	2	5.0	A
N-outdr plants in containers	boscalid	7.47	14	22.1	A
N-outdr plants in containers	boscalid	2.84	6	43,473.0	U
N-outdr plants in containers	buprofezin	1.75	2	4.0	A
N-outdr plants in containers	clarified hydrophobic extract of neem oil	59.14	11	30.0	A
N-outdr plants in containers	coconut diethanolamide	3.12	43	107.5	A
N-outdr plants in containers	copper oxide (ous)	13.0	2	7.0	A
N-outdr plants in containers	cyfluthrin	1.34	25	125.0	A
N-outdr plants in containers	dinotefuran	0.63	5	9.0	A
N-outdr plants in containers	dodecylbenzene sulfonic acid	13.5	43	107.5	A
N-outdr plants in containers	edta, tetrasodium salt	0.83	43	107.5	A
N-outdr plants in containers	glufosinate-ammonium	3.0	2	2.5	A
N-outdr plants in containers	glyphosate, isopropylamine salt	38.15	34	64.5	A
N-outdr plants in containers	glyphosate, potassium salt	92.88	16	53.0	A
N-outdr plants in containers	glyphosate, potassium salt	2.41	6	37,293.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-outdr plants in containers	imidacloprid	0.08	1	2.0	A
N-outdr plants in containers	iron phosphate	0.25	5	5.0	A
N-outdr plants in containers	isopropyl alcohol	4.11	43	107.5	A
N-outdr plants in containers	isoxaben	0.8	3	13.0	A
N-outdr plants in containers	lambda-cyhalothrin	3.47	44	106.25	A
N-outdr plants in containers	lecithin	18.33	19	29.25	A
N-outdr plants in containers	malathion	3.05	6	24.0	A
N-outdr plants in containers	margosa oil	7.62	27	135.0	A
N-outdr plants in containers	margosa oil	9.55	5	45,404.0	S
N-outdr plants in containers	mefenoxam	0.18	2	9,663.0	U
N-outdr plants in containers	mefenoxam, other related	0.01	2	9,663.0	U
N-outdr plants in containers	mesotrione	0.75	1	3.0	A
N-outdr plants in containers	methoxyfenozide	4.99	27	135.0	A
N-outdr plants in containers	methylated soybean oil	9.17	19	29.25	A
N-outdr plants in containers	mineral oil	277.46	19	83.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-outdr plants in containers	mineral oil	29.79	7	68,480.0	S
N-outdr plants in containers	oxathiapiprolin	0.35	1	17.0	A
N-outdr plants in containers	phosphoric acid	2.66	43	107.5	A
N-outdr plants in containers	potassium bicarbonate	33.81	15	197,412.5	S
N-outdr plants in containers	propiconazole	0.08	1	3.0	A
N-outdr plants in containers	pymetrozine	2.03	26	130.0	A
N-outdr plants in containers	pyraclostrobin	5.79	22	36.1	A
N-outdr plants in containers	pyraclostrobin	1.44	6	43,473.0	U
N-outdr plants in containers	pyrethrins	0.74	33	151.0	A
N-outdr plants in containers	pyrethrins	0.08	1	13,375.0	S
N-outdr plants in containers	qst 713 strain of dried bacillus subtilis	0.24	1	2.0	A
N-outdr plants in containers	silicone defoamer	0.35	43	107.5	A
N-outdr plants in containers	sodium xylene sulfonate	4.15	43	107.5	A
N-outdr plants in containers	spinosad	3.81	67	299.0	A
N-outdr plants in containers	alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	15.83	43	107.5	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-outdr plants in containers	tetrapotassium pyrophosphate	2.08	43	107.5	A
N-outdr plants in containers	triethanolamine	5.3	43	107.5	A
N-outdr plants in containers	trifluralin	3.2	3	13.0	A
N-outdr plants in containers	alpha-undecyl-omega-hydroxypoly(oxyethylene)	9.17	19	29.25	A
N-outdr transplants	abamectin	<0.01	1	5,000.0	S
N-outdr transplants	acephate	0.91	2	50,000.0	S
N-outdr transplants	bacillus thuringiensis (berliner), subsp. kurstaki, strain sa-11	0.1	3	55,000.0	S
N-outdr transplants	bifenthrin	0.16	3	45,000.0	S
N-outdr transplants	boscalid	0.02	1	10,000.0	S
N-outdr transplants	carbaryl	0.49	1	20,000.0	S
N-outdr transplants	clothianidin	<0.01	1	1,000.0	S
N-outdr transplants	copper hydroxide	0.77	2	50,000.0	S
N-outdr transplants	copper oxide (ous)	3.25	5	179,094.0	S
N-outdr transplants	diazinon	0.2	2	10,000.0	S
N-outdr transplants	dithiopyr	0.41	2	60,000.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-outdr transplants	glyphosate, isopropylamine salt	1.68	2	46,000.0	S
N-outdr transplants	glyphosate, potassium salt	6.55	2	83,000.0	S
N-outdr transplants	imidacloprid	0.05	5	70,000.0	S
N-outdr transplants	isoxaben	0.38	2	12,000.0	S
N-outdr transplants	mancozeb	0.45	2	10,000.0	S
N-outdr transplants	metaldehyde	1.8	1	36,000.0	S
N-outdr transplants	oxadiazon	3.0	2	60,000.0	S
N-outdr transplants	pendimethalin	0.95	2	12,000.0	S
N-outdr transplants	petroleum distillates, refined	4.29	2	6,912.0	S
N-outdr transplants	potassium bicarbonate	8.82	6	282,987.0	S
N-outdr transplants	pyraclostrobin	0.05	1	10,000.0	S
N-outdr transplants	pyrethrins	0.03	2	6,912.0	S
N-outdr transplants	spinosad	0.03	1	33,264.0	S
N-outdr transplants	spirotetramat	0.35	4	191,970.0	S
N-outdr transplants	thiophanate-methyl	0.95	5	70,000.0	S
Nectarine	copper oxide (ous)	1.68	1	0.2	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Oat	bromoxynil heptanoate	258.08	2	750.0	A
Oat	bromoxynil octanoate	267.64	2	750.0	A
Oat	butyl alcohol	17.81	6	864.0	A
Oat	2,4-d, dimethylamine salt	241.94	2	314.0	A
Oat	dimethylpolysiloxane	0.18	6	864.0	A
Oat	glyphosate, isopropylamine salt	510.81	5	664.0	A
Oat	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	143.94	6	864.0	A
Oat	polyacrylamide polymer	2.92	6	864.0	A
Oat	polysaccharide polymer	0.32	6	864.0	A
Oat (forage - fodder)	bromoxynil heptanoate	2.24	2	6.5	A
Oat (forage - fodder)	bromoxynil octanoate	2.32	2	6.5	A
Olive	alpha-alkylaryl-omega-hydroxypoly(oxyethylene)	440.57	4	32.0	A
Olive	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	0.14	1	25.0	A
Olive	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	0.09	1	25.0	U
Olive	ammonium nitrate	0.02	1	25.0	A
Olive	ammonium nitrate	0.01	1	25.0	U
Olive	ammonium sulfate	0.45	1	25.0	A
Olive	ammonium sulfate	0.3	1	25.0	U
Olive	copper oxide (ous)	7.55	2	3.0	A
Olive	alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	0.27	3	4.5	A
Olive	fenpropathrin	1.03	3	3.25	A
Olive	glyphosate, potassium salt	6.9	2	29.1	A
Olive	glyphosate, potassium salt	6.9	2	50.0	U

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Olive	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	0.43	2	2.0	A
Olive	kaolin	1,440.01	19	56.33	A
Olive	kaolin	22.56	4	60.0	U
Olive	mineral oil	1.69	3	4.5	A
Olive	polymerized pinene	4.8	3	4.5	A
Olive	pyrethrins	0.11	3	4.5	A
Olive	spinosad	0.09	75	319.45	A
Olive	spinosad	0.05	101	9,706.0	U
Parsley	clarified hydrophobic extract of neem oil	3.41	40	5,375.0	S
Parsley	qst 713 strain of dried bacillus subtilis	0.11	40	5,375.0	S
Pastureland	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	22.92	4	121.0	A
Pastureland	aminopyralid, triisopropanolamine salt	20.88	3	99.0	A
Pastureland	ammonium nitrate	2.96	4	121.0	A
Pastureland	ammonium sulfate	73.21	4	121.0	A
Pastureland	glyphosate, isopropylamine salt	27.97	7	138.25	A
Pastureland	triclopyr, butoxyethyl ester	34.06	3	23.0	A
Pastureland	triclopyr choline	1.17	1	10.0	A
Pastureland	triclopyr, triethylamine salt	2.94	1	22.0	A
Peach	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	1.59	4	5.5	A
Peach	bacillus pumilus, strain qst 2808	0.02	1	0.5	A
Peach	copper hydroxide	6.88	5	6.5	A
Peach	copper oxide (ous)	33.65	3	5.3	A
Peach	copper oxychloride	7.62	5	6.5	A
Peach	iprodione	1.13	2	1.5	A
Peach	lime-sulfur	0.38	1	0.01	A
Peach	qst 713 strain of dried bacillus subtilis	10.92	10	31.0	A
Peach	sulfur	160.0	5	25.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pear	bacillus pumilus, strain qst 2808	0.06	1	1.0	A
Pear	bacillus thuringiensis (berliner)	<0.01	1	0.1	A
Pear	bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	24.3	3	27.0	A
Pear	copper hydroxide	0.01	1	5.0	U
Pear	copper oxide (ous)	12.89	3	9.7	A
Pear	copper oxychloride	0.01	1	5.0	U
Pear	e,e-8,10-dodecadien-1-ol	0.1	1	0.5	A
Pear	hydrogen peroxide	19.61	3	27.0	A
Pear	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	<0.01	1	0.1	A
Pear	lauryl alcohol	0.06	1	0.5	A
Pear	mineral oil	173.55	6	45.0	A
Pear	myristyl alcohol	0.01	1	0.5	A
Pear	peroxyacetic acid	1.45	3	27.0	A
Pear	petroleum oil, unclassified	3.64	1	0.5	A
Pear	polyalkene oxide modified heptamethyl trisiloxane	0.01	1	1.0	A
Pear	potassium phosphite	11.22	3	3.0	A
Pear	propylene glycol	0.02	1	1.0	A
Pear	qst 713 strain of dried bacillus subtilis	1.91	5	28.0	A
Pear	spinetoram	0.03	1	1.0	A
Pear	spinosad	1.68	3	18.0	A
Pear	styrene butadiene copolymer	0.03	1	1.0	A
Pear	sulfur	0.02	1	0.1	A
Pear	sulfur	0.68	2	4.0	U
Pear	alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	0.01	1	1.0	A
Pepper, fruiting	bifenthrin	0.2	1	20.0	A
Pepper, fruiting	carbaryl	30.0	1	20.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pepper, fruiting	clarified hydrophobic extract of neem oil	1.11	13	11,500.0	S
Pepper, fruiting	qst 713 strain of dried bacillus subtilis	0.03	13	11,500.0	S
Plum	copper oxide (ous)	4.5	2	0.45	A
Public health	d-trans allethrin	0.01	N/A	N/A	N/A
Public health	bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins	378.49	N/A	N/A	N/A
Public health	bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	268.19	N/A	N/A	N/A
Public health	bacillus thuringiensis, subsp. israelensis, strain am 65-52	352.08	N/A	N/A	N/A
Public health	etofenprox	89.43	N/A	N/A	N/A
Public health	alpha-isooctadecyl-omega-hydroxypoly(oxyethylene)	22.86	N/A	N/A	N/A
Public health	methoprene	13.52	N/A	N/A	N/A
Public health	s-methoprene	60.44	N/A	N/A	N/A
Public health	mineral oil	350.18	N/A	N/A	N/A
Public health	petroleum distillates	82.98	N/A	N/A	N/A
Public health	petroleum distillates, refined	791.06	N/A	N/A	N/A
Public health	phenothrin	0.01	N/A	N/A	N/A
Public health	piperonyl butoxide	89.05	N/A	N/A	N/A
Public health	piperonyl butoxide, other related	22.26	N/A	N/A	N/A
Public health	pyrethrins	21.68	N/A	N/A	N/A
Public health	silica aerogel	30.37	N/A	N/A	N/A
Public health	spinosad	9.03	N/A	N/A	N/A
Pumpkin	carbaryl	3.0	1	5.0	A
Pumpkin	clarified hydrophobic extract of neem oil	1.02	12	2,100.0	S
Pumpkin	copper hydroxide	3.01	4	25.1	A
Pumpkin	copper oxychloride	3.33	4	25.1	A
Pumpkin	qst 713 strain of dried bacillus subtilis	0.03	12	2,100.0	S
Radish	clarified hydrophobic extract of neem oil	2.05	24	1,350.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Radish	iron phosphate	0.01	1	800.0	S
Radish	qst 713 strain of dried bacillus subtilis	0.06	24	1,350.0	S
Rangeland	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	0.12	1	200.0	A
Rangeland	alkyl (c8,c10) polyglucoside	20.79	8	12.5	A
Rangeland	aminopyralid, triisopropanolamine salt	87.29	11	837.0	A
Rangeland	ammonium nitrate	0.02	1	200.0	A
Rangeland	ammonium sulfate	0.38	1	200.0	A
Rangeland	benzoic acid	1.22	6	514.5	A
Rangeland	butyl alcohol	0.82	1	40.0	A
Rangeland	clopyralid, monoethanolamine salt	221.69	8	204.0	A
Rangeland	dimethyl alkyl tertiary amines	1.32	6	514.5	A
Rangeland	dimethylpolysiloxane	0.01	1	40.0	A
Rangeland	fatty acids, mixed	0.19	3	7.0	A
Rangeland	glufosinate-ammonium	6.29	5	9.0	A
Rangeland	glyphosate, isopropylamine salt	12.97	6	35.25	A
Rangeland	glyphosate, potassium salt	2.07	1	200.0	A
Rangeland	indaziflam	0.68	8	14.0	A
Rangeland	lecithin	4.54	3	7.0	A
Rangeland	methylated soybean oil	45.3	6	514.5	A
Rangeland	mineral oil	1.84	2	472.0	A
Rangeland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	7.88	4	47.0	A
Rangeland	oleic acid, ethyl ester	140.62	2	472.0	A
Rangeland	polyethylene glycol stearate	35.15	2	472.0	A
Rangeland	propionic acid	4.54	3	7.0	A
Rangeland	triclopyr, butoxyethyl ester	9.55	11	132.5	A
Regulatory pest control	glyphosate, potassium salt	1.03	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Regulatory pest control	sulfur dioxide	0.29	N/A	N/A	N/A
Research commodity	strychnine	0.01	8	4.9	A
Rights of way	alcohols, c12-c14, aliphatic	10.41	N/A	N/A	N/A
Rights of way	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	2.07	N/A	N/A	N/A
Rights of way	alkyl (c9-c11) oligomeric d-glucopyranoside	29.74	N/A	N/A	N/A
Rights of way	alkyl (c8,c10) polyglucoside	14.35	5	100.0	A
Rights of way	alkyl (c8,c10) polyglucoside	1.6	N/A	N/A	N/A
Rights of way	allyloxypolyethylene glycol acetate	0.26	N/A	N/A	N/A
Rights of way	aminocyclopyrachlor	11.55	N/A	N/A	N/A
Rights of way	aminopyralid, triisopropanolamine salt	31.56	N/A	N/A	N/A
Rights of way	ammonium nonanoate	6.68	N/A	N/A	N/A
Rights of way	ammonium nitrate	6.83	5	100.0	A
Rights of way	ammonium nitrate	1.03	N/A	N/A	N/A
Rights of way	ammonium sulfate	13.67	5	100.0	A
Rights of way	ammonium sulfate	8.13	N/A	N/A	N/A
Rights of way	benzoic acid	2.84	N/A	N/A	N/A
Rights of way	borax	11,209.84	N/A	N/A	N/A
Rights of way	bromacil	6.0	N/A	N/A	N/A
Rights of way	2-butoxyethanol	26.77	N/A	N/A	N/A
Rights of way	chlorsulfuron	7.13	N/A	N/A	N/A
Rights of way	clopyralid, monoethanolamine salt	3.83	N/A	N/A	N/A
Rights of way	copper hydroxide	798.86	N/A	N/A	N/A
Rights of way	dichlobenil	725.08	N/A	N/A	N/A
Rights of way	dimethyl alkyl tertiary amines	3.09	N/A	N/A	N/A
Rights of way	dimethylpolysiloxane	0.01	5	100.0	A
Rights of way	dimethylpolysiloxane	0.19	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	diquat dibromide	67.42	N/A	N/A	N/A
Rights of way	disodium octaborate anhydrous	0.54	N/A	N/A	N/A
Rights of way	dithiopyr	23.0	N/A	N/A	N/A
Rights of way	diuron	6.2	N/A	N/A	N/A
Rights of way	flumioxazin	10.2	2	40.0	A
Rights of way	flumioxazin	63.75	N/A	N/A	N/A
Rights of way	free fatty acids and/or amine salts	12.85	N/A	N/A	N/A
Rights of way	glyphosate, dimethylamine salt	271.32	N/A	N/A	N/A
Rights of way	glyphosate, isopropylamine salt	3,750.91	N/A	N/A	N/A
Rights of way	glyphosate, potassium salt	275.84	5	100.0	A
Rights of way	glyphosate, potassium salt	48.31	N/A	N/A	N/A
Rights of way	hexylene glycol	26.77	N/A	N/A	N/A
Rights of way	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	0.9	N/A	N/A	N/A
Rights of way	imazapyr, isopropylamine salt	17.85	N/A	N/A	N/A
Rights of way	indaziflam	12.12	N/A	N/A	N/A
Rights of way	isopropylamine dodecylbenzene sulfonate	1.94	N/A	N/A	N/A
Rights of way	isoxaben	119.68	N/A	N/A	N/A
Rights of way	lecithin	86.76	N/A	N/A	N/A
Rights of way	metam-sodium	4,122.47	N/A	N/A	N/A
Rights of way	methylated soybean oil	1,105.22	N/A	N/A	N/A
Rights of way	mineral oil	3.75	N/A	N/A	N/A
Rights of way	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	176.84	N/A	N/A	N/A
Rights of way	oleic acid, ethyl ester	1.2	N/A	N/A	N/A
Rights of way	oleic acid, methyl ester	79.35	N/A	N/A	N/A
Rights of way	oryzalin	24.38	1	20.0	A
Rights of way	oryzalin	23.86	N/A	N/A	N/A
Rights of way	pendimethalin	66.29	N/A	N/A	N/A
Rights of way	petroleum oil, paraffin based	315.93	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	polyacrylamide, polyethylene glycol mixture	0.57	N/A	N/A	N/A
Rights of way	polyalkene oxide modified heptamethyl trisiloxane	46.12	N/A	N/A	N/A
Rights of way	polyethylene glycol diacetate	0.02	N/A	N/A	N/A
Rights of way	polyoxyethylene dioleate	0.21	N/A	N/A	N/A
Rights of way	polyoxyethylene sorbitan monooleate	7.83	N/A	N/A	N/A
Rights of way	polyoxyethylene sorbitan trioleate	51.12	N/A	N/A	N/A
Rights of way	rimsulfuron	1.25	2	40.0	A
Rights of way	sodium alpha-olefin (c14-c16) sulfonate	203.75	N/A	N/A	N/A
Rights of way	sulfentrazone	3.51	N/A	N/A	N/A
Rights of way	sulfometuron-methyl	19.49	N/A	N/A	N/A
Rights of way	tebuthiuron	0.07	N/A	N/A	N/A
Rights of way	triclopyr, butoxyethyl ester	50.64	N/A	N/A	N/A
Rights of way	triclopyr choline	817.61	N/A	N/A	N/A
Rights of way	triclopyr, triethylamine salt	85.55	N/A	N/A	N/A
Rights of way	alpha-undecyl-omega-hydroxypoly(oxyethylene)	43.38	N/A	N/A	N/A
Squash	clarified hydrophobic extract of neem oil	1.02	12	2,675.0	S
Squash	mineral oil	141.08	1	20.0	A
Squash	permethrin	4.51	2	40.0	A
Squash	qst 713 strain of dried bacillus subtilis	0.03	12	2,675.0	S
Stone fruit	copper hydroxide	<0.01	1	1.0	U
Stone fruit	copper oxychloride	<0.01	1	1.0	U
Stone fruit	sulfur	0.01	1	0.25	A
Strawberry	abamectin	0.03	2	5.5	A
Strawberry	bifenazate	4.0	3	8.0	A
Strawberry	glyphosate, isopropylamine salt	1.56	2	6.0	A
Strawberry	glyphosate, potassium salt	5.43	6	8.5	A
Strawberry	glyphosate, potassium salt	0.09	1	400.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	abamectin	0.05	N/A	N/A	N/A
Structural pest control	abamectin, other related	<0.01	N/A	N/A	N/A
Structural pest control	acephate	7.02	N/A	N/A	N/A
Structural pest control	acetamiprid	0.41	N/A	N/A	N/A
Structural pest control	acibenzolar-s-methyl	<0.01	N/A	N/A	N/A
Structural pest control	alkyl (50% ^{c14} , 40% ^{c12} , 10% ^{c16}) dimethylbenzyl ammonium chloride	0.33	N/A	N/A	N/A
Structural pest control	alkyl (60% ^{c14} , 30% ^{c16} , 5% ^{c12} , 5% ^{c18}) dimethylbenzyl ammonium chloride	<0.01	N/A	N/A	N/A
Structural pest control	alkyl (68% ^{c12} , 32% ^{c14}) dimethylethylbenzyl ammonium chloride	<0.01	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	0.25	N/A	N/A	N/A
Structural pest control	4-aminopyridine	0.08	N/A	N/A	N/A
Structural pest control	bifenthrin	338.29	N/A	N/A	N/A
Structural pest control	borax	29.1	N/A	N/A	N/A
Structural pest control	boric acid	450.34	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	brodifacoum	0.01	N/A	N/A	N/A
Structural pest control	bromadiolone	0.23	N/A	N/A	N/A
Structural pest control	bromethalin	0.02	N/A	N/A	N/A
Structural pest control	capsicum oleoresin	<0.01	N/A	N/A	N/A
Structural pest control	chlorantraniliprole	36.65	N/A	N/A	N/A
Structural pest control	chlorfenapyr	41.58	N/A	N/A	N/A
Structural pest control	chlorine dioxide	<0.01	N/A	N/A	N/A
Structural pest control	chlorophacinone	<0.01	N/A	N/A	N/A
Structural pest control	chloropicrin	4.73	N/A	N/A	N/A
Structural pest control	cholecalciferol	1.52	N/A	N/A	N/A
Structural pest control	clothianidin	10.46	N/A	N/A	N/A
Structural pest control	copper diammonium diacetate complex	0.14	N/A	N/A	N/A
Structural pest control	copper hydroxide	0.77	N/A	N/A	N/A
Structural pest control	copper naphthenate	26.68	N/A	N/A	N/A
Structural pest control	copper oxychloride	0.51	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	cyfluthrin	6.88	N/A	N/A	N/A
Structural pest control	beta-cyfluthrin	83.0	N/A	N/A	N/A
Structural pest control	cypermethrin	1,019.09	N/A	N/A	N/A
Structural pest control	deltamethrin	292.55	N/A	N/A	N/A
Structural pest control	diatomaceous earth	11.74	N/A	N/A	N/A
Structural pest control	didecyl dimethyl ammonium chloride	<0.01	N/A	N/A	N/A
Structural pest control	diethylene glycol	0.59	N/A	N/A	N/A
Structural pest control	difethialone	0.07	N/A	N/A	N/A
Structural pest control	dimethylpolysiloxane	0.01	N/A	N/A	N/A
Structural pest control	dinotefuran	135.36	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	0.26	N/A	N/A	N/A
Structural pest control	diphacinone, sodium salt	0.16	N/A	N/A	N/A
Structural pest control	diquat dibromide	<0.01	N/A	N/A	N/A
Structural pest control	disodium octaborate tetrahydrate	3,637.77	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	dithiopyr	1.25	N/A	N/A	N/A
Structural pest control	emamectin benzoate	0.01	N/A	N/A	N/A
Structural pest control	esfenvalerate	28.78	N/A	N/A	N/A
Structural pest control	ethephon	0.48	N/A	N/A	N/A
Structural pest control	etofenprox	0.05	N/A	N/A	N/A
Structural pest control	fatty acids, mixed	1.04	N/A	N/A	N/A
Structural pest control	fipronil	246.69	N/A	N/A	N/A
Structural pest control	fluazinam	0.19	N/A	N/A	N/A
Structural pest control	tau-fluvalinate	0.02	N/A	N/A	N/A
Structural pest control	gamma-cyhalothrin	0.08	N/A	N/A	N/A
Structural pest control	glyphosate, isopropylamine salt	4.98	N/A	N/A	N/A
Structural pest control	glyphosate, monoammonium salt	0.05	N/A	N/A	N/A
Structural pest control	heptyl butyrate	22.78	N/A	N/A	N/A
Structural pest control	hexaflumuron	0.02	N/A	N/A	N/A
Structural pest control	hydramethylnon	0.84	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	hydroprene	15.43	N/A	N/A	N/A
Structural pest control	imidacloprid	350.28	N/A	N/A	N/A
Structural pest control	indoxacarb	3.9	N/A	N/A	N/A
Structural pest control	isopropyl alcohol	1.51	N/A	N/A	N/A
Structural pest control	isoxaben	1.29	N/A	N/A	N/A
Structural pest control	lambda-cyhalothrin	2.93	N/A	N/A	N/A
Structural pest control	limonene	188.72	N/A	N/A	N/A
Structural pest control	linalool	0.05	N/A	N/A	N/A
Structural pest control	mancozeb	18.38	N/A	N/A	N/A
Structural pest control	metaldehyde	<0.01	N/A	N/A	N/A
Structural pest control	methoprene	0.04	N/A	N/A	N/A
Structural pest control	s-methoprene	0.09	N/A	N/A	N/A
Structural pest control	metofluthrin	0.26	N/A	N/A	N/A
Structural pest control	mineral oil	0.17	N/A	N/A	N/A
Structural pest control	muscalure	0.06	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	nicarbazin	0.1	N/A	N/A	N/A
Structural pest control	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	10.43	N/A	N/A	N/A
Structural pest control	novaluron	0.05	N/A	N/A	N/A
Structural pest control	noviflumuron	0.23	N/A	N/A	N/A
Structural pest control	n-octyl bicycloheptene dicarboximide	23.24	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	permethrin	184.88	N/A	N/A	N/A
Structural pest control	permethrin, other related	0.03	N/A	N/A	N/A
Structural pest control	petroleum distillates	0.3	N/A	N/A	N/A
Structural pest control	phenothrin	4.9	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	0.09	N/A	N/A	N/A
Structural pest control	piperonyl butoxide	146.67	N/A	N/A	N/A
Structural pest control	piperonyl butoxide, other related	20.79	N/A	N/A	N/A
Structural pest control	polyalkene oxide modified heptamethyl trisiloxane	4.53	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	polybutenes	3.16	N/A	N/A	N/A
Structural pest control	potassium phosphite	157.38	N/A	N/A	N/A
Structural pest control	prallethrin	4.61	N/A	N/A	N/A
Structural pest control	propylene glycol	1.51	N/A	N/A	N/A
Structural pest control	pyrethrins	25.38	N/A	N/A	N/A
Structural pest control	pyriproxyfen	1.61	N/A	N/A	N/A
Structural pest control	silica aerogel	373.1	N/A	N/A	N/A
Structural pest control	sodium decyl sulfate	2.5	N/A	N/A	N/A
Structural pest control	sodium lauroampho acetate	1.89	N/A	N/A	N/A
Structural pest control	sodium lauryl sulfate	1.27	N/A	N/A	N/A
Structural pest control	sulfuryl fluoride	35,912.73	N/A	N/A	N/A
Structural pest control	tetramethrin	0.02	N/A	N/A	N/A
Structural pest control	thiamethoxam	0.01	N/A	N/A	N/A
Structural pest control	thiophanate-methyl	0.41	N/A	N/A	N/A
Structural pest control	thyme	<0.01	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	thyme oil	<0.01	N/A	N/A	N/A
Structural pest control	alpha-undecyl-omega-hydroxypoly(oxyethylene)	1.53	N/A	N/A	N/A
Structural pest control	warfarin	<0.01	N/A	N/A	N/A
Structural pest control	zinc phosphide	0.86	N/A	N/A	N/A
Tomatillo	clarified hydrophobic extract of neem oil	0.61	16	510.0	S
Tomatillo	qst 713 strain of dried bacillus subtilis	0.04	16	510.0	S
Tomato	bifenthrin	0.24	1	19.0	A
Tomato	clarified hydrophobic extract of neem oil	0.85	10	9,851.0	S
Tomato	qst 713 strain of dried bacillus subtilis	0.03	10	9,851.0	S
Uncultivated ag	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	0.17	N/A	1.0	A
Uncultivated ag	ammonium sulfate	39.6	N/A	21.0	A
Uncultivated ag	2,4-d, dimethylamine salt	723.36	1	850.0	A
Uncultivated ag	dimethylpolysiloxane	0.02	N/A	21.0	A
Uncultivated ag	flumioxazin	6.12	1	41.0	A
Uncultivated ag	glyphosate, isopropylamine salt	785.12	4	853.0	A
Uncultivated ag	glyphosate, potassium salt	88.27	2	43.0	A
Uncultivated ag	methylated soybean oil	0.94	1	1.0	A
Uncultivated ag	oxyfluorfen	0.51	1	1.0	A
Uncultivated ag	sethoxydim	0.19	1	1.0	A
Uncultivated ag	sulfur	78.4	1	8.0	A
Uncultivated non-ag	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	0.09	N/A	0.5	A
Uncultivated non-ag	glyphosate, potassium salt	12.41	11	10.75	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Vertebrate control	bromadiolone	0.01	N/A	N/A	N/A
Vertebrate control	difethialone	<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)	5-chloro-2-methyl-4-isothiazolin-3-one	4.12	N/A	50.0	U
Water (industrial)	copper ethanolamine complexes, mixed	395.46	N/A	98.25	A
Water (industrial)	copper ethylenediamine complex	14.5	N/A	1.75	A
Water (industrial)	copper sulfate (pentahydrate)	14.23	N/A	5.5	A
Water (industrial)	dioctyl dimethyl ammonium chloride	38.13	N/A	1.0	A
Water (industrial)	diquat dibromide	232.14	N/A	32.13	A
Water (industrial)	endothall, dipotassium salt	124.8	N/A	12.0	A
Water (industrial)	fatty acids, c16-c18 and c18-unsaturated, methyl esters	4.93	N/A	51.5	A
Water (industrial)	flumioxazin	0.82	N/A	3.0	A
Water (industrial)	fluridone	3.2	N/A	5.25	A
Water (industrial)	glutaraldehyde	358.79	N/A	5.0	A
Water (industrial)	glutaraldehyde	252.62	N/A	99.0	U
Water (industrial)	glyphosate, isopropylamine salt	70.2	N/A	27.0	A
Water (industrial)	hydrogen peroxide	12.39	N/A	1.0	U
Water (industrial)	lecithin	0.42	N/A	3.5	A
Water (industrial)	limonene	24.63	N/A	51.5	A
Water (industrial)	2-methyl-4-isothiazolin-3-one	1.45	N/A	50.0	U
Water (industrial)	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	0.12	N/A	3.5	A
Water (industrial)	peroxyacetic acid	2.62	N/A	1.0	U
Water (industrial)	propionic acid	0.42	N/A	3.5	A
Water (industrial)	sodium bromide	258.95	N/A	3.0	A
Water (industrial)	sodium bromide	49.81	N/A	1.0	U

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Water (industrial)	sodium carbonate peroxyhydrate	105.4	N/A	11.5	A
Water (industrial)	sodium hypochlorite	178.43	N/A	3.0	A
Water (industrial)	sodium hypochlorite	47.01	N/A	2.0	U
Water (industrial)	alpha-undecyl-omega-hydroxypoly(oxyethylene)	3.28	N/A	51.5	A
Water area	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	3.29	28	18.55	A
Water area	alkyl (c8,c10) polyglucoside	12.35	4	7.5	A
Water area	ammonium nitrate	0.42	28	18.55	A
Water area	ammonium sulfate	10.5	28	18.55	A
Water area	bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins	1,282.23	N/A	1,805.0	A
Water area	bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	472.98	N/A	1,477.0	A
Water area	bacillus thuringiensis, subsp. israelensis, strain am 65-52	519.27	N/A	2,210.0	A
Water area	benzoic acid	0.09	12	8.9	A
Water area	butyl lactate	0.68	1	2.0	A
Water area	copper ethanolamine complexes, mixed	15.2	1	3.0	A
Water area	copper ethylenediamine complex	8.05	1	2.0	A
Water area	copper sulfate (pentahydrate)	1,972.98	7	125.0	A
Water area	copper triethanolamine complex	9.09	1	2.0	A
Water area	dimethyl alkyl tertiary amines	0.1	12	8.9	A
Water area	diquat dibromide	147.91	31	21.15	A
Water area	endothall, mono [n,n-dimethyl alkylamine] salt	38.52	N/A	3.9	A
Water area	fluridone	12.01	2	44.0	A
Water area	fluridone	0.71	N/A	128,501.77	C
Water area	glyphosate, isopropylamine salt	16.63	4	8.25	A
Water area	hydrogen peroxide	283.4	N/A	128.85	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Water area	hydrogen peroxide	128.59	N/A	52.3	U
Water area	imazamox, ammonium salt	57.16	1	100.0	A
Water area	imazapyr, isopropylamine salt	1.21	N/A	0.75	A
Water area	methoprene	31.09	N/A	710.0	A
Water area	s-methoprene	6,477.77	N/A	3,375.0	A
Water area	methylated soybean oil	3.43	12	8.9	A
Water area	oleic acid, ethyl ester	162.17	1	100.0	A
Water area	peroxyacetic acid	193.22	N/A	128.85	A
Water area	peroxyacetic acid	87.67	N/A	52.3	U
Water area	polyacrylamide polymer	0.08	6	2.2	A
Water area	polyoxyethylene dioleate	28.38	1	100.0	A
Water area	polyoxyethylene sorbitan monolaurate	6.0	1	2.0	A
Water area	polyoxyethylene sorbitan monooleate	8.11	1	100.0	A
Water area	silica filled polydimethylsiloxane	<0.01	1	2.0	A
Water area	sodium carbonate peroxyhydrate	127.5	N/A	2.25	A
Water area	spinosad	0.4	N/A	6.0	A
Water area	triclopyr, triethylamine salt	33.21	4	8.5	A
Water systems - human potable/drinking	sodium hypochlorite	0.25	N/A	1.0	U
Wheat	benzoic acid	1.56	2	274.83	A
Wheat	bromoxynil heptanoate	211.92	3	629.83	A
Wheat	bromoxynil octanoate	219.77	3	629.83	A
Wheat	butyl alcohol	5.38	2	274.83	A
Wheat	dimethyl alkyl tertiary amines	1.71	2	274.83	A
Wheat	dimethylpolysiloxane	0.05	2	274.83	A
Wheat	methylated soybean oil	59.76	2	274.83	A
Wheat	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	43.48	2	274.83	A
Wheat	pyrethrins	0.11	1	8.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Wheat	pyroxsulam	6.0	3	454.83	A