

# 2021 Annual Statewide Pesticide Use Report Indexed by Commodity Lake 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
Alfalfa	carfentrazone-ethyl	0.32	1	22.0	A
Alfalfa	diglycolamine salt of 3,6-dichloro-o-anisic acid	8.32	1	22.0	A
Almond	diphacinone	0.01	14	56.0	A
Beehive	thymol	2.84	1	84.0	A
Beehive	thymol	21.54	7	688.0	U
Cannabis (all or unspecified)	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	21.27	35	126.0	A
Cannabis (all or unspecified)	azadirachtin	6.26	19	81.0	A
Cannabis (all or unspecified)	bacillus amyloliquefaciens strain d747	325.72	25	121.0	A
Cannabis (all or unspecified)	bacillus thuringiensis (berliner), subsp. kurstaki, strain sa-11	0.21	3	5.0	A
Cannabis (all or unspecified)	bacillus thuringiensis, subsp. aizawai, strain abts-1857	49.01	23	92.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Cannabis (all or unspecified)	bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	44.28	19	81.0	A
Cannabis (all or unspecified)	beauveria bassiana strain gha	0.03	1	0.08	A
Cannabis (all or unspecified)	burkholderia sp strain a396 cells and fermentation media	1,539.74	87	200.81	A
Cannabis (all or unspecified)	burkholderia sp strain a396 cells and fermentation media	19.49	6	43,371.2	S
Cannabis (all or unspecified)	chromobacterium subtsugae strain praa4-1	130.4	47	92.26	A
Cannabis (all or unspecified)	chromobacterium subtsugae strain praa4-1	1.59	3	22,500.0	S
Cannabis (all or unspecified)	clarified hydrophobic extract of neem oil	0.18	1	2,500.0	S
Cannabis (all or unspecified)	copper hydroxide	2.76	1	1.5	A
Cannabis (all or unspecified)	kaolin	12.35	5	1,366.0	S
Cannabis (all or unspecified)	mineral oil	17.18	2	3.0	A
Cannabis (all or unspecified)	pyrethrins	0.21	9	0.67	A
Cannabis (all or unspecified)	reynoutria sachalinensis	20.42	48	91.31	A
Cannabis (all or unspecified)	reynoutria sachalinensis	1.08	7	70,000.0	S
Cannabis (all or unspecified)	sulfur	29.0	5	7.66	A
Cannabis (all or unspecified)	sulfur	1.0	2	20,000.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Forage hay/silage	bromoxynil octanoate	1.64	1	2.7	A
Forage hay/silage	glyphosate, isopropylamine salt	49.86	2	16.75	A
Fumigation, other	sulfur dioxide	23.4	N/A	N/A	N/A
Grape	quinoxyfen	0.11	1	0.5	A
Grape	trifloxystrobin	0.03	1	0.5	A
Grape	triflumizole	0.08	1	0.5	A
Grape, wine	2,4-d	0.01	1	30.0	A
Grape, wine	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	2,224.8	251	9,161.03	A
Grape, wine	4-nonylphenol, formaldehyde resin, propoxylated	289.55	44	2,810.94	A
Grape, wine	abamectin	32.92	54	1,906.11	A
Grape, wine	acetamiprid	4.3	5	56.5	A
Grape, wine	alkyl (c8,c10) polyglucoside	654.23	163	2,383.62	A
Grape, wine	alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	0.26	4	53.82	A
Grape, wine	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	5,952.32	358	13,994.84	A
Grape, wine	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	12.39	4	62.5	A
Grape, wine	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	65.93	20	369.6	A
Grape, wine	alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	66.15	8	285.0	A
Grape, wine	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	142.92	65	913.33	A
Grape, wine	alpha-alkyl (c9-c16)-omega-hydroxypoly(oxyethylene)	35.35	12	157.5	A
Grape, wine	alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	247.79	83	3,061.29	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	alpha-isodecyl-omega-hydroxypoly(oxyethylene)	5.87	2	55.5	A
Grape, wine	alpha-pinene beta-pinene copolymer	4.94	4	53.82	A
Grape, wine	alpha-undecyl-omega-hydroxypoly(oxyethylene)	247.24	38	880.71	A
Grape, wine	ammonium nitrate	417.02	100	1,307.28	A
Grape, wine	ammonium propionate	13.84	3	73.39	A
Grape, wine	ammonium sulfate	1,937.47	233	3,377.64	A
Grape, wine	bacillus pumilus, strain qst 2808	447.21	72	3,740.66	A
Grape, wine	benzoic acid	3.64	32	670.78	A
Grape, wine	benzovindiflupyr	0.75	1	11.0	A
Grape, wine	beta-cyfluthrin	0.55	1	11.5	A
Grape, wine	bifenazate	17.5	1	35.0	A
Grape, wine	boscalid	94.28	5	335.5	A
Grape, wine	butyl lactate	5.35	5	38.99	A
Grape, wine	calcium chloride	46.72	32	758.35	A
Grape, wine	capric acid	279.9	4	62.28	A
Grape, wine	caprylic acid	411.11	4	62.28	A
Grape, wine	captan	100.0	3	90.0	A
Grape, wine	carfentrazone-ethyl	12.4	25	532.93	A
Grape, wine	castor oil ethoxylate	45.17	9	482.26	A
Grape, wine	chromobacterium subtsugae strain praa4-1	114.0	8	190.0	A
Grape, wine	citric acid	154.43	78	1,282.77	A
Grape, wine	clethodim	15.17	1	114.0	A
Grape, wine	clothianidin	2.69	3	43.0	A
Grape, wine	copper hydroxide	1,185.42	129	5,440.19	A
Grape, wine	copper oxide (ous)	237.97	5	258.5	A
Grape, wine	copper oxychloride	1,313.91	129	5,440.19	A
Grape, wine	copper sulfate (pentahydrate)	3.96	1	36.0	A
Grape, wine	cyflufenamid	78.7	85	3,274.39	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	cyflumetofen	183.4	22	1,036.62	A
Grape, wine	cyprodinil	205.42	25	604.71	A
Grape, wine	dicamba	<0.01	1	30.0	A
Grape, wine	difenoconazole	4.14	11	196.0	A
Grape, wine	dimethyl alkyl tertiary amines	3.98	32	670.78	A
Grape, wine	dimethyl silicone fluid emulsion	2.91	14	891.5	A
Grape, wine	dimethylpolysiloxane	0.8	22	361.8	A
Grape, wine	dinotefuran	32.06	5	461.13	A
Grape, wine	diphacinone	0.02	3	26.25	A
Grape, wine	edta	1.19	14	118.71	A
Grape, wine	etoxazole	62.98	25	467.31	A
Grape, wine	fatty acids, c16-18 and c18-unsaturated, branched and linear	0.08	2	76.0	A
Grape, wine	fatty acids, c16-c18 and c18-unsaturated, methyl esters	9.78	2	55.5	A
Grape, wine	fatty acids, methyl esters	248.19	15	235.52	A
Grape, wine	fatty acids, mixed	9.27	32	451.42	A
Grape, wine	fenhexamid	203.57	16	450.2	A
Grape, wine	fenpropathrin	1.56	1	5.0	A
Grape, wine	flazasulfuron	24.8	35	624.72	A
Grape, wine	fluazifop-p-butyl	26.03	9	77.25	A
Grape, wine	flumioxazin	672.31	171	2,296.54	A
Grape, wine	fluopyram	69.16	27	819.56	A
Grape, wine	flutianil	16.58	19	784.21	A
Grape, wine	flutriafol	391.35	68	4,139.12	A
Grape, wine	fluxapyroxad	13.51	1	149.6	A
Grape, wine	glufosinate-ammonium	3,198.98	167	3,077.95	A
Grape, wine	glycerol	123.89	70	1,086.73	A
Grape, wine	glyphosate, isopropylamine salt	3,423.0	144	1,652.76	A
Grape, wine	glyphosate, potassium salt	4,823.62	130	1,933.04	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	14.98	8	255.79	A
Grape, wine	hexythiazox	0.5	1	4.0	A
Grape, wine	humic acid	2.36	14	118.71	A
Grape, wine	hydrogen peroxide	1,211.39	45	1,752.59	A
Grape, wine	imidacloprid	1,062.56	192	5,487.43	A
Grape, wine	indaziflam	96.04	112	1,697.43	A
Grape, wine	isopropyl alcohol	0.28	2	6.63	A
Grape, wine	kaolin	11,906.64	28	618.81	A
Grape, wine	kresoxim-methyl	1.38	1	16.0	A
Grape, wine	lecithin	774.0	87	1,595.63	A
Grape, wine	lime-sulfur	3,033.3	8	98.7	A
Grape, wine	mcpp	0.01	1	30.0	A
Grape, wine	methoxyfenozide	69.29	11	409.0	A
Grape, wine	methylated soybean oil	739.8	101	1,920.73	A
Grape, wine	metrafenone	828.06	81	2,876.1	A
Grape, wine	mineral oil	43,098.25	274	11,363.77	A
Grape, wine	myclobutanil	482.7	148	4,247.73	A
Grape, wine	myrothecium verrucaria, dried fermentation solids & solubles, strain aarc-0255	8.1	2	0.5	A
Grape, wine	n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	8.48	17	247.71	A
Grape, wine	oleic acid, ethyl ester	378.71	8	629.87	A
Grape, wine	oleic acid, methyl ester	164.97	12	157.5	A
Grape, wine	oryzalin	56.16	5	28.4	A
Grape, wine	oxyfluorfen	1,022.93	96	1,109.5	A
Grape, wine	pendimethalin	2,933.89	49	838.37	A
Grape, wine	peroxyacetic acid	89.4	45	1,752.59	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	phosphoric acid	18.52	26	304.45	A
Grape, wine	poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	11.8	25	306.28	A
Grape, wine	polyacrylamide polymer	5.56	24	301.33	A
Grape, wine	polyalkyleneoxide modified polydimethyl-siloxane	0.85	1	3.0	A
Grape, wine	polyethoxylated castor oil	121.86	27	361.78	A
Grape, wine	polyethylene glycol	1,396.7	268	10,692.22	A
Grape, wine	polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	35.48	8	285.0	A
Grape, wine	polyethylene glycol stearate	94.68	8	629.87	A
Grape, wine	polyoxyethylene polyol fatty acid esters	7.92	5	38.99	A
Grape, wine	potassium bicarbonate	331.54	8	96.76	A
Grape, wine	propionic acid	216.35	32	451.42	A
Grape, wine	propylene glycol	18.04	8	285.0	A
Grape, wine	pyraclostrobin	61.4	6	485.1	A
Grape, wine	pyraflufen-ethyl	2.76	41	611.39	A
Grape, wine	pyrethrins	43.27	42	859.53	A
Grape, wine	pyridaben	5.25	1	14.0	A
Grape, wine	pyriofenone	100.61	25	1,028.61	A
Grape, wine	qst 713 strain of dried bacillus subtilis	223.78	13	700.89	A
Grape, wine	quillaja	112.5	5	267.04	A
Grape, wine	quinoxifen	431.84	107	4,253.57	A
Grape, wine	reynoutria sachalinensis	34.28	4	126.58	A
Grape, wine	rimsulfuron	53.26	79	1,373.45	A
Grape, wine	sethoxydim	24.6	4	71.91	A
Grape, wine	simazine	479.64	3	160.0	A
Grape, wine	sodium carbonate peroxyhydrate	32.73	1	11.0	A
Grape, wine	sodium diisooctylsulfosuccinate	0.04	2	76.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	sodium hydroxide	30.15	24	293.33	A
Grape, wine	sodium polyacrylate	0.35	3	73.39	A
Grape, wine	sodium xylene sulfonate	4.18	7	173.0	A
Grape, wine	sorbitol	23.56	51	683.61	A
Grape, wine	spirotetramat	15.16	5	150.0	A
Grape, wine	sulfur	225,371.1	954	31,531.62	A
Grape, wine	sulfur dioxide	4.5	N/A	149.0	U
Grape, wine	tall oil	36.83	33	2,318.68	A
Grape, wine	tall oil fatty acids	1,498.38	294	11,161.37	A
Grape, wine	tebuconazole	69.16	27	819.56	A
Grape, wine	tetraconazole	47.02	30	1,172.95	A
Grape, wine	thiamethoxam	52.05	3	606.87	A
Grape, wine	thiophanate-methyl	2,572.75	71	2,256.63	A
Grape, wine	triethanolamine	7.61	14	118.71	A
Grape, wine	trifloxystrobin	10.98	11	113.0	A
Grape, wine	triflumizole	21.87	3	104.0	A
Grape, wine	urea	21.79	2	55.5	A
Grape, wine	xanthan gum	19.36	37	564.9	A
Grape, wine	zinc phosphide	0.29	1	4.8	A
Grape, wine	ziram	300.2	2	79.0	A
Industrial hemp	azadirachtin	<0.01	2	300.0	S
Industrial hemp	chromobacterium subtsugae strain praa4-1	2.48	4	40,000.0	S
Industrial site	bromadiolone	<0.01	3	30.0	A
Landscape maintenance	2,4-d, 2-ethylhexyl ester	0.01	N/A	N/A	N/A
Landscape maintenance	abamectin	<0.01	N/A	N/A	N/A
Landscape maintenance	acephate	0.02	N/A	N/A	N/A



<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>Landscape maintenance</b>	alpha-(para-nonylphenyl)-omega-hydroxypoly (oxyethylene) sulfate, ammonium salt	<0.01	N/A	N/A	N/A
<b>Landscape maintenance</b>	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	0.3	1	1.0	A
<b>Landscape maintenance</b>	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	6.94	N/A	N/A	N/A
<b>Landscape maintenance</b>	alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	6.94	N/A	N/A	N/A
<b>Landscape maintenance</b>	alpha-undecyl-omega-hydroxypoly(oxyethylene)	1.15	N/A	N/A	N/A
<b>Landscape maintenance</b>	aminopyralid, triisopropanolamine salt	36.05	N/A	N/A	N/A
<b>Landscape maintenance</b>	bifenthrin	0.25	N/A	N/A	N/A
<b>Landscape maintenance</b>	bromethalin	<0.01	N/A	N/A	N/A
<b>Landscape maintenance</b>	carfentrazone-ethyl	0.47	4	8.0	A
<b>Landscape maintenance</b>	carfentrazone-ethyl	<0.01	N/A	N/A	N/A
<b>Landscape maintenance</b>	chlorantraniliprole	0.58	2	4.0	A
<b>Landscape maintenance</b>	chlorothalonil	230.49	21	42.0	A
<b>Landscape maintenance</b>	chlorothalonil	0.47	N/A	N/A	N/A
<b>Landscape maintenance</b>	chlorsulfuron	20.72	N/A	N/A	N/A
<b>Landscape maintenance</b>	clopyralid, monoethanolamine salt	0.16	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
Landscape maintenance	copper hydroxide	0.11	N/A	N/A	N/A
Landscape maintenance	copper oxide (ous)	0.26	N/A	N/A	N/A
Landscape maintenance	copper oxychloride	0.12	N/A	N/A	N/A
Landscape maintenance	cypermethrin	22.25	N/A	N/A	N/A
Landscape maintenance	deltamethrin	<0.01	N/A	N/A	N/A
Landscape maintenance	dicamba	<0.01	N/A	N/A	N/A
Landscape maintenance	diethylene glycol	<0.01	N/A	N/A	N/A
Landscape maintenance	dimethylpolysiloxane	<0.01	1	1.0	A
Landscape maintenance	dimethylpolysiloxane	<0.01	N/A	N/A	N/A
Landscape maintenance	diphacinone	0.05	N/A	N/A	N/A
Landscape maintenance	dithiopyr	15.66	2	29.0	A
Landscape maintenance	dithiopyr	69.97	N/A	N/A	N/A
Landscape maintenance	diuron	8,317.51	N/A	N/A	N/A
Landscape maintenance	esfenvalerate	0.04	N/A	N/A	N/A
Landscape maintenance	ethephon	2.85	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
Landscape maintenance	fatty acids derived from tallow	2.78	N/A	N/A	N/A
Landscape maintenance	fatty acids, mixed	<0.01	N/A	N/A	N/A
Landscape maintenance	fipronil	0.01	N/A	N/A	N/A
Landscape maintenance	flumioxazin	241.11	N/A	N/A	N/A
Landscape maintenance	glyphosate, isopropylamine salt	12.9	5	78.0	A
Landscape maintenance	glyphosate, isopropylamine salt	9,844.56	N/A	N/A	N/A
Landscape maintenance	glyphosate, potassium salt	2.72	N/A	N/A	N/A
Landscape maintenance	imazapyr, isopropylamine salt	0.1	N/A	N/A	N/A
Landscape maintenance	imidacloprid	8.76	N/A	N/A	N/A
Landscape maintenance	indaziflam	0.27	N/A	N/A	N/A
Landscape maintenance	iprodione	31.73	7	14.0	A
Landscape maintenance	isopropyl alcohol	0.03	1	1.0	A
Landscape maintenance	isopropylamine dodecylbenzene sulfonate	0.22	N/A	N/A	N/A
Landscape maintenance	isoxaben	9.5	N/A	N/A	N/A
Landscape maintenance	lambda-cyhalothrin	0.03	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
Landscape maintenance	lecithin	2.29	N/A	N/A	N/A
Landscape maintenance	mecoprop-p	<0.01	N/A	N/A	N/A
Landscape maintenance	methylated soybean oil	1.14	N/A	N/A	N/A
Landscape maintenance	mineral oil	64.02	N/A	N/A	N/A
Landscape maintenance	myclobutanil	0.32	N/A	N/A	N/A
Landscape maintenance	nonanoic acid	0.03	N/A	N/A	N/A
Landscape maintenance	oryzalin	50.77	N/A	N/A	N/A
Landscape maintenance	oxadiazon	24.2	N/A	N/A	N/A
Landscape maintenance	pendimethalin	16.32	N/A	N/A	N/A
Landscape maintenance	permethrin	0.87	N/A	N/A	N/A
Landscape maintenance	petroleum oil, paraffin based	0.12	N/A	N/A	N/A
Landscape maintenance	polyethylene glycol	0.17	1	1.0	A
Landscape maintenance	polyoxyethylene sorbitan mixed fatty acid esters	0.02	N/A	N/A	N/A
Landscape maintenance	polyoxyethylene sorbitan monooleate	0.89	N/A	N/A	N/A
Landscape maintenance	polyoxyethylene sorbitan trioleate	5.87	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
Landscape maintenance	polysorbate 65	2.09	N/A	N/A	N/A
Landscape maintenance	prodiamine	0.2	N/A	N/A	N/A
Landscape maintenance	propiconazole	3.25	1	2.0	A
Landscape maintenance	propiconazole	0.12	N/A	N/A	N/A
Landscape maintenance	sorbitan fatty acid esters	<0.01	N/A	N/A	N/A
Landscape maintenance	sorbitan trioleate	2.09	N/A	N/A	N/A
Landscape maintenance	strychnine	0.01	N/A	N/A	N/A
Landscape maintenance	thiophanate-methyl	11.69	1	2.0	A
Landscape maintenance	triclopyr choline	36.97	N/A	N/A	N/A
Landscape maintenance	triclopyr, butoxyethyl ester	1.06	N/A	N/A	N/A
Landscape maintenance	triclopyr, triethylamine salt	18.2	N/A	N/A	N/A
Landscape maintenance	trinexapac-ethyl	2.59	17	57.0	A
Landscape maintenance	zinc phosphide	0.69	N/A	N/A	N/A
N-outdr plants in containers	copper ethanolamine complexes, mixed	0.7	1	2.0	A
N-outdr plants in containers	polyether modified polysiloxane	4.14	1	2.0	A
N-outdr transplants	glyphosate, isopropylamine salt	11.0	5	5.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Oat (forage - fodder)	2,4-d, dimethylamine salt	18.24	1	16.0	A
Oat (forage - fodder)	aminopyralid, triisopropanolamine salt	1.93	1	16.0	A
Olive	spinosad	0.01	8	35.9	A
Pastureland	diphacinone	<0.01	1	1.0	A
Peach	lime-sulfur	4.61	1	0.5	A
Pear	2,4-d, dimethylamine salt	256.29	16	172.66	A
Pear	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	43.18	17	322.0	A
Pear	4-nonylphenol, formaldehyde resin, propoxylated	13.0	4	50.0	A
Pear	abamectin	29.95	53	1,124.51	A
Pear	alkyl (c8,c10) polyglucoside	84.14	40	396.32	A
Pear	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	20.74	7	84.25	A
Pear	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	1.78	3	31.32	A
Pear	alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	12.84	8	121.0	A
Pear	amino ethoxy vinyl glycine hydrochloride	19.61	9	178.7	A
Pear	ammonium nitrate	36.94	27	236.44	A
Pear	ammonium propionate	2.45	3	31.32	A
Pear	ammonium sulfate	202.58	72	924.01	A
Pear	bacillus amyloliquefaciens strain d747	1,224.67	26	328.0	A
Pear	bacillus thuringiensis (berliner), subsp. kurstaki, strain sa-11	170.0	12	100.0	A
Pear	bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	86.94	12	114.5	A
Pear	bentonite	24.0	4	40.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pear	bifenazate	80.05	11	208.0	A
Pear	buprofezin	111.3	10	131.0	A
Pear	burkholderia sp strain a396 cells and fermentation media	225.04	5	52.0	A
Pear	capric acid	21.11	3	43.0	A
Pear	caprylic acid	31.01	3	43.0	A
Pear	casein	1.8	4	40.0	A
Pear	chlorantraniliprole	12.43	8	136.0	A
Pear	chromobacterium subtsugae strain praa4-1	120.9	16	200.0	A
Pear	citric acid	12.83	33	536.02	A
Pear	codling moth granulosis virus	0.05	27	257.01	A
Pear	copper hydroxide	1,073.11	56	748.94	A
Pear	copper oxychloride	1,391.67	52	765.44	A
Pear	copper sulfate (basic)	179.36	11	273.5	A
Pear	cyantraniliprole	2.2	2	21.0	A
Pear	cyflumetofen	15.45	3	84.5	A
Pear	cyprodinil	1.06	2	45.0	A
Pear	diazinon	150.0	6	120.0	A
Pear	difenoconazole	0.37	2	45.0	A
Pear	diflubenzuron	12.86	4	71.0	A
Pear	dimethylpolysiloxane	0.07	28	268.11	A
Pear	diuron	696.81	33	291.03	A
Pear	dodine	2.52	1	28.7	A
Pear	e,e-8,10-dodecadien-1-ol	72.35	26	616.5	A
Pear	e-8-dodecenyl acetate	2.32	15	373.5	A
Pear	esfenvalerate	19.66	32	708.2	A
Pear	etoxazole	36.19	8	268.0	A
Pear	glufosinate-ammonium	551.49	43	568.53	A
Pear	glycerol	63.54	30	504.7	A
Pear	glyphosate, isopropylamine salt	1,048.22	58	765.66	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pear	glyphosate, potassium salt	85.23	5	46.6	A
Pear	imidacloprid	2.82	1	56.0	A
Pear	indaziflam	8.35	13	159.88	A
Pear	isopropyl alcohol	0.03	1	2.0	A
Pear	kasugamycin hydrochloride	93.63	44	962.71	A
Pear	lactose	1.8	4	40.0	A
Pear	lecithin	6.21	1	38.0	A
Pear	lime-sulfur	8,484.1	24	384.0	A
Pear	mancozeb	4,477.5	55	1,148.75	A
Pear	methoxyfenozide	282.16	55	1,117.31	A
Pear	methyl silicone resins	53.93	8	153.7	A
Pear	methylated soybean oil	11.4	2	46.33	A
Pear	mineral oil	148,694.13	271	5,412.15	A
Pear	modified phthalic glycerol alkyd resin	23.68	6	119.0	A
Pear	n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	0.52	1	38.0	A
Pear	n6-benzyl adenine	23.93	40	526.0	A
Pear	naa, ammonium salt	33.1	16	370.0	A
Pear	naa, potassium salt	79.34	32	723.31	A
Pear	oryzalin	42.35	1	20.35	A
Pear	oxyfluorfen	390.61	40	410.75	A
Pear	oxytetracycline hydrochloride	424.94	138	2,580.61	A
Pear	oxytetracycline hydrochloride, other related	3.92	138	2,580.61	A
Pear	oxytetracycline, calcium complex	387.18	148	3,663.25	A
Pear	pendimethalin	116.51	4	41.01	A
Pear	phosphoric acid	19.73	30	504.7	A



Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pear	poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	0.3	1	8.33	A
Pear	poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	10.27	8	153.7	A
Pear	polyacrylamide polymer	6.38	30	504.7	A
Pear	polyethoxylated castor oil	2.92	1	8.33	A
Pear	polyethylene glycol	1.77	3	34.25	A
Pear	potash soap	188.79	6	46.5	A
Pear	pseudomonas fluorescens, strain a506	11.54	8	100.0	A
Pear	reynoutria sachalinensis	27.74	10	128.0	A
Pear	rimsulfuron	14.3	31	348.25	A
Pear	simazine	445.57	20	164.28	A
Pear	sodium hydroxide	34.82	30	504.7	A
Pear	sodium polyacrylate	0.06	3	31.32	A
Pear	spinetoram	27.2	12	271.0	A
Pear	spinosad	52.95	33	380.0	A
Pear	streptomycin sulfate	783.21	253	5,919.85	A
Pear	sulfur	18,700.29	73	1,509.01	A
Pear	tall oil	2.0	4	50.0	A
Pear	tall oil fatty acids	3.64	3	40.58	A
Pear	z-8-dodecenol	0.39	15	373.5	A
Pear	z-8-dodecenyl acetate	36.09	15	373.5	A
Pear	ziram	4,236.29	42	943.01	A
Public health	alpha-isoctadecyl-omega-hydroxypoly(oxyethylene)	0.06	N/A	N/A	N/A
Public health	bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins	197.14	N/A	N/A	N/A
Public health	bacillus thuringiensis, subsp. israelensis, strain am 65-52	328.57	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>Public health</b>	diphacinone	<0.01	N/A	N/A	N/A
<b>Public health</b>	methoprene	0.46	N/A	N/A	N/A
<b>Public health</b>	permethrin	21.58	N/A	N/A	N/A
<b>Public health</b>	phenothrin	1.37	N/A	N/A	N/A
<b>Public health</b>	piperonyl butoxide	18.81	N/A	N/A	N/A
<b>Public health</b>	piperonyl butoxide, other related	4.7	N/A	N/A	N/A
<b>Public health</b>	pyrethrins	0.06	N/A	N/A	N/A
<b>Public health</b>	s-methoprene	27.2	N/A	N/A	N/A
<b>Public health</b>	silica aerogel	2.28	N/A	N/A	N/A
<b>Rangeland</b>	diphacinone	0.03	23	146.33	A
<b>Rangeland</b>	glyphosate, isopropylamine salt	47.88	5	20.5	A
<b>Rangeland</b>	glyphosate, potassium salt	5.52	2	6.0	A
<b>Rangeland</b>	triclopyr, triethylamine salt	21.25	2	62.99	A
<b>Regulatory pest control</b>	beta-cyfluthrin	0.34	N/A	N/A	N/A
<b>Regulatory pest control</b>	boric acid	<0.01	N/A	N/A	N/A
<b>Regulatory pest control</b>	bromethalin	<0.01	N/A	N/A	N/A
<b>Regulatory pest control</b>	chlorfenapyr	<0.01	N/A	N/A	N/A
<b>Regulatory pest control</b>	cholecalciferol	<0.01	N/A	N/A	N/A
<b>Regulatory pest control</b>	deltamethrin	0.23	N/A	N/A	N/A
<b>Regulatory pest control</b>	dinotefuran	0.05	N/A	N/A	N/A
<b>Regulatory pest control</b>	fipronil	0.2	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Regulatory pest control	fluridone	289.86	N/A	N/A	N/A
Regulatory pest control	hydroprene	19.61	N/A	N/A	N/A
Regulatory pest control	imidacloprid	0.69	N/A	N/A	N/A
Regulatory pest control	indoxacarb	<0.01	N/A	N/A	N/A
Regulatory pest control	prallethrin	<0.01	N/A	N/A	N/A
Regulatory pest control	silica aerogel	0.03	N/A	N/A	N/A
Rice, wild	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	2.22	1	30.0	A
Rice, wild	fatty acids, methyl esters	34.77	1	30.0	A
Rice, wild	glyphosate, potassium salt	55.17	1	30.0	A
Rice, wild	triclopyr, triethylamine salt	5.97	1	30.0	A
Rights of way	alkyl (c8,c10) polyglucoside	11.42	17	142.5	A
Rights of way	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	0.61	1	4.5	A
Rights of way	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	12.1	N/A	N/A	N/A
Rights of way	alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	0.05	N/A	N/A	N/A
Rights of way	alpha-undecyl-omega-hydroxypoly(oxyethylene)	15.27	N/A	N/A	N/A
Rights of way	aminocyclopyrachlor, potassium salt	2.91	N/A	N/A	N/A
Rights of way	aminopyralid, triisopropanolamine salt	4.63	2	30.0	A
Rights of way	aminopyralid, triisopropanolamine salt	1.71	N/A	N/A	N/A
Rights of way	ammonium sulfate	28.9	17	142.5	A
Rights of way	benzoic acid	2.86	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	bifenthrin	0.03	2	2.0	A
Rights of way	borax	1,838.25	N/A	N/A	N/A
Rights of way	butyl alcohol	0.01	N/A	N/A	N/A
Rights of way	chlorsulfuron	10.32	N/A	N/A	N/A
Rights of way	copper carbonate, basic	3.89	N/A	N/A	N/A
Rights of way	copper hydroxide	124.01	N/A	N/A	N/A
Rights of way	diethylene glycol	1.14	N/A	N/A	N/A
Rights of way	dimethyl alkyl tertiary amines	3.12	N/A	N/A	N/A
Rights of way	dimethylpolysiloxane	1.95	18	147.0	A
Rights of way	dimethylpolysiloxane	0.03	N/A	N/A	N/A
Rights of way	diphacinone	<0.01	4	6.0	A
Rights of way	diuron	1,141.13	17	142.5	A
Rights of way	diuron	53.0	N/A	N/A	N/A
Rights of way	fatty acids derived from tallow	0.02	N/A	N/A	N/A
Rights of way	fatty acids, mixed	2.02	N/A	N/A	N/A
Rights of way	flumioxazin	6.32	N/A	N/A	N/A
Rights of way	glufosinate-ammonium	142.63	17	142.5	A
Rights of way	glufosinate-ammonium	2.32	N/A	N/A	N/A
Rights of way	glyphosate, dimethylamine salt	51.19	N/A	N/A	N/A
Rights of way	glyphosate, isopropylamine salt	59.31	4	49.5	A
Rights of way	glyphosate, isopropylamine salt	503.65	N/A	N/A	N/A
Rights of way	glyphosate, potassium salt	62.06	2	30.0	A
Rights of way	glyphosate, potassium salt	366.86	N/A	N/A	N/A
Rights of way	imazamox, ammonium salt	1.06	N/A	N/A	N/A
Rights of way	imazapyr, isopropylamine salt	17.36	N/A	N/A	N/A
Rights of way	indaziflam	11.18	17	142.5	A
Rights of way	indaziflam	2.67	N/A	N/A	N/A
Rights of way	isopropyl alcohol	0.05	1	4.5	A
Rights of way	lecithin	24.62	N/A	N/A	N/A
Rights of way	low molecular weight paraffinic oil	5.55	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	metam-sodium	923.07	N/A	N/A	N/A
Rights of way	methyl silicone resins	2.25	N/A	N/A	N/A
Rights of way	methyated soybean oil	195.22	N/A	N/A	N/A
Rights of way	oleic acid, ethyl ester	0.68	N/A	N/A	N/A
Rights of way	oxyfluorfen	1.38	N/A	N/A	N/A
Rights of way	pendimethalin	0.07	N/A	N/A	N/A
Rights of way	penoxsulam	0.03	N/A	N/A	N/A
Rights of way	poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	0.43	N/A	N/A	N/A
Rights of way	polyethylene glycol	0.33	1	4.5	A
Rights of way	polyethylene glycol stearate	0.17	N/A	N/A	N/A
Rights of way	polyoxyethylene polyoxypropylene	<0.01	N/A	N/A	N/A
Rights of way	rimsulfuron	0.75	N/A	N/A	N/A
Rights of way	sodium dioctylsulfosuccinate	<0.01	N/A	N/A	N/A
Rights of way	soybean oil	121.55	N/A	N/A	N/A
Rights of way	sulfentrazone	4.0	N/A	N/A	N/A
Rights of way	sulfometuron-methyl	191.53	N/A	N/A	N/A
Rights of way	triclopyr choline	26.45	N/A	N/A	N/A
Rights of way	triclopyr, butoxyethyl ester	8.51	N/A	N/A	N/A
Rights of way	triclopyr, triethylamine salt	112.18	N/A	N/A	N/A
Rights of way	vinyl ester polymer	0.01	N/A	N/A	N/A
Soil fumigation/preplant	1,3-dichloropropene	775.11	1	2.35	A
Stone fruit	myrothecium verrucaria, dried fermentation solids & solubles, strain aarc-0255	3.6	1	0.25	A
Strawberry	cyflumetofen	0.19	1	1.5	A
Strawberry	glyphosate, isopropylamine salt	1.88	1	1.5	A
Structural pest control	abamectin	0.01	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	abamectin, other related	<0.01	N/A	N/A	N/A
Structural pest control	acephate	0.15	N/A	N/A	N/A
Structural pest control	alkyl (50% <sup>14</sup> , 40% <sup>12</sup> , 10% <sup>16</sup> ) dimethylbenzyl ammonium chloride	0.09	N/A	N/A	N/A
Structural pest control	alpha-cypermethrin	84.14	N/A	N/A	N/A
Structural pest control	aminopyralid, triisopropanolamine salt	<0.01	N/A	N/A	N/A
Structural pest control	beta-cyfluthrin	0.75	N/A	N/A	N/A
Structural pest control	bifenthrin	114.21	N/A	N/A	N/A
Structural pest control	borax	0.44	N/A	N/A	N/A
Structural pest control	boric acid	30.46	N/A	N/A	N/A
Structural pest control	bromadiolone	<0.01	N/A	N/A	N/A
Structural pest control	bromethalin	0.06	N/A	N/A	N/A
Structural pest control	chlorantraniliprole	<0.01	N/A	N/A	N/A
Structural pest control	chlorfenapyr	7.63	N/A	N/A	N/A
Structural pest control	chlorophacinone	<0.01	N/A	N/A	N/A
Structural pest control	chlorothalonil	0.02	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>Structural pest control</b>	cholecalciferol	0.35	N/A	N/A	N/A
<b>Structural pest control</b>	copper naphthenate	0.51	N/A	N/A	N/A
<b>Structural pest control</b>	cyfluthrin	0.01	N/A	N/A	N/A
<b>Structural pest control</b>	cypermethrin	1,021.06	N/A	N/A	N/A
<b>Structural pest control</b>	d-allethrin	<0.01	N/A	N/A	N/A
<b>Structural pest control</b>	d-allethrin, other related	<0.01	N/A	N/A	N/A
<b>Structural pest control</b>	d-trans allethrin	0.02	N/A	N/A	N/A
<b>Structural pest control</b>	deltamethrin	2.55	N/A	N/A	N/A
<b>Structural pest control</b>	didecyl dimethyl ammonium chloride	0.01	N/A	N/A	N/A
<b>Structural pest control</b>	dinotefuran	8.59	N/A	N/A	N/A
<b>Structural pest control</b>	dioctyl dimethyl ammonium chloride	0.01	N/A	N/A	N/A
<b>Structural pest control</b>	diphacinone	0.04	N/A	N/A	N/A
<b>Structural pest control</b>	diphacinone, sodium salt	<0.01	N/A	N/A	N/A
<b>Structural pest control</b>	disodium octaborate tetrahydrate	274.15	N/A	N/A	N/A
<b>Structural pest control</b>	diuron	27.63	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>Structural pest control</b>	esfenvalerate	0.14	N/A	N/A	N/A
<b>Structural pest control</b>	etofenprox	1.47	N/A	N/A	N/A
<b>Structural pest control</b>	fipronil	23.73	N/A	N/A	N/A
<b>Structural pest control</b>	gamma-cyhalothrin	<0.01	N/A	N/A	N/A
<b>Structural pest control</b>	hydramethylnon	0.02	N/A	N/A	N/A
<b>Structural pest control</b>	hydroprene	2.65	N/A	N/A	N/A
<b>Structural pest control</b>	imidacloprid	2.21	N/A	N/A	N/A
<b>Structural pest control</b>	indoxacarb	0.41	N/A	N/A	N/A
<b>Structural pest control</b>	iron phosphate	<0.01	N/A	N/A	N/A
<b>Structural pest control</b>	isopropyl alcohol	0.06	N/A	N/A	N/A
<b>Structural pest control</b>	lambda-cyhalothrin	8.45	N/A	N/A	N/A
<b>Structural pest control</b>	limonene	0.55	N/A	N/A	N/A
<b>Structural pest control</b>	methoprene	0.01	N/A	N/A	N/A
<b>Structural pest control</b>	muscalure	<0.01	N/A	N/A	N/A
<b>Structural pest control</b>	n-octyl bicycloheptene dicarboximide	0.78	N/A	N/A	N/A



<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>Structural pest control</b>	novaluron	0.03	N/A	N/A	N/A
<b>Structural pest control</b>	noviflumuron	0.04	N/A	N/A	N/A
<b>Structural pest control</b>	octyl decyl dimethyl ammonium chloride	0.02	N/A	N/A	N/A
<b>Structural pest control</b>	permethrin	117.8	N/A	N/A	N/A
<b>Structural pest control</b>	phenothrin	0.09	N/A	N/A	N/A
<b>Structural pest control</b>	phenothrin, other related	<0.01	N/A	N/A	N/A
<b>Structural pest control</b>	phenylethyl propionate	<0.01	N/A	N/A	N/A
<b>Structural pest control</b>	piperonyl butoxide	10.84	N/A	N/A	N/A
<b>Structural pest control</b>	piperonyl butoxide, other related	1.11	N/A	N/A	N/A
<b>Structural pest control</b>	prallethrin	0.03	N/A	N/A	N/A
<b>Structural pest control</b>	pyrethrins	0.82	N/A	N/A	N/A
<b>Structural pest control</b>	pyriproxyfen	0.05	N/A	N/A	N/A
<b>Structural pest control</b>	s-methoprene	0.01	N/A	N/A	N/A
<b>Structural pest control</b>	silica aerogel	0.02	N/A	N/A	N/A
<b>Structural pest control</b>	sodium decyl sulfate	0.06	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	sodium lauroampho acetate	0.04	N/A	N/A	N/A
Structural pest control	sodium lauryl sulfate	0.03	N/A	N/A	N/A
Structural pest control	tetramethrin	<0.01	N/A	N/A	N/A
Structural pest control	thiamethoxam	<0.01	N/A	N/A	N/A
Structural pest control	thyme	<0.01	N/A	N/A	N/A
Turf/sod	carfentrazone-ethyl	0.12	1	1.6	A
Turf/sod	chlorothalonil	7.03	1	1.6	A
Turf/sod	clopyralid, monoethanolamine salt	0.87	1	1.6	A
Turf/sod	iprodione	2.34	1	1.6	A
Uncultivated ag	1,3-dichloropropene	775.11	1	2.35	A
Uncultivated ag	alkyl (c8,c10) polyglucoside	14.63	3	52.01	A
Uncultivated ag	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	0.52	2	7.5	A
Uncultivated ag	ammonium sulfate	41.62	5	85.35	A
Uncultivated ag	citric acid	0.61	2	33.34	A
Uncultivated ag	diphacinone	<0.01	3	9.0	A
Uncultivated ag	fatty acids, methyl esters	8.15	2	7.5	A
Uncultivated ag	flumioxazin	4.78	1	25.0	A
Uncultivated ag	glycerol	3.35	2	33.34	A
Uncultivated ag	glyphosate, isopropylamine salt	80.03	4	54.01	A
Uncultivated ag	glyphosate, potassium salt	132.47	3	60.34	A
Uncultivated ag	phosphoric acid	1.04	2	33.34	A
Uncultivated ag	polyacrylamide polymer	0.34	2	33.34	A
Uncultivated ag	pyraflufen-ethyl	0.04	2	7.5	A
Uncultivated ag	rimsulfuron	0.78	1	25.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Uncultivated ag	sodium hydroxide	1.83	2	33.34	A
Uncultivated non-ag	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	0.8	4	8.0	A
Uncultivated non-ag	aminopyralid, triisopropanolamine salt	0.44	3	2.9	A
Uncultivated non-ag	clethodim	9.24	27	33.35	A
Uncultivated non-ag	diphacinone	<0.01	2	7.0	A
Uncultivated non-ag	glycerol	3.19	4	8.0	A
Uncultivated non-ag	glyphosate, isopropylamine salt	5.45	5	8.13	A
Uncultivated non-ag	imazapyr, isopropylamine salt	0.31	4	8.0	A
Uncultivated non-ag	sodium diisooctylsulfosuccinate	0.05	4	8.0	A
Uncultivated non-ag	sodium xylene sulfonate	1.12	4	8.0	A
Vertebrate control	diphacinone	0.02	N/A	N/A	N/A
Walnut	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	111.37	3	230.0	A
Walnut	acetamiprid	11.25	1	75.0	A
Walnut	alkyl (c8,c10) polyglucoside	24.58	7	117.8	A
Walnut	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	3.13	8	104.5	A
Walnut	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	2.13	4	12.5	A
Walnut	alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	5.19	3	9.0	A
Walnut	ammonium nitrate	75.43	5	80.8	A
Walnut	ammonium propionate	2.94	4	12.5	A
Walnut	ammonium sulfate	9.7	6	49.5	A
Walnut	bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	0.54	1	1.0	A
Walnut	benzoic acid	0.2	1	35.0	A
Walnut	beta-cyfluthrin	1.66	1	75.0	A
Walnut	bifenthrin	9.39	1	75.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Walnut	capric acid	46.83	5	39.0	A
Walnut	caprylic acid	68.79	5	39.0	A
Walnut	citric acid	1.47	4	12.5	A
Walnut	copper hydroxide	127.49	3	122.5	A
Walnut	copper oxychloride	59.55	2	42.5	A
Walnut	corn product, hydrolyzed	258.72	9	319.5	A
Walnut	dimethyl alkyl tertiary amines	0.22	1	35.0	A
Walnut	diphacinone	0.04	20	109.5	A
Walnut	fatty acids, methyl esters	49.0	8	104.5	A
Walnut	flumioxazin	3.99	4	12.5	A
Walnut	garlic	1.76	2	30.0	A
Walnut	glufosinate-ammonium	69.45	2	57.0	A
Walnut	glyphosate, isopropylamine salt	257.13	25	226.0	A
Walnut	glyphosate, potassium salt	238.43	6	110.8	A
Walnut	imidacloprid	3.33	1	75.0	A
Walnut	malathion	66.11	8	174.5	A
Walnut	mancozeb	72.0	1	80.0	A
Walnut	methylated soybean oil	107.93	7	145.8	A
Walnut	oxyfluorfen	23.68	7	75.16	A
Walnut	poly(oxy-1,2-ethanediyl), alpha-hydro- omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	2.42	5	80.8	A
Walnut	polyethoxylated castor oil	23.57	5	80.8	A
Walnut	pyraflufen-ethyl	0.21	7	71.3	A
Walnut	rimsulfuron	0.9	3	14.34	A
Walnut	sethoxydim	1.32	1	5.0	A
Walnut	sodium polyacrylate	0.07	4	12.5	A
Walnut	spinosad	2.22	10	141.4	A
Walnut	tall oil fatty acids	16.32	5	80.8	A
Walnut	warfarin	0.01	2	7.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Walnut	yucca schidigera	5.28	2	30.0	A
Water (industrial)	alpha-undecyl-omega-hydroxypoly(oxyethylene)	0.18	N/A	3.0	A
Water (industrial)	copper ethanolamine complexes, mixed	140.16	N/A	24.25	A
Water (industrial)	diquat dibromide	102.55	N/A	13.75	A
Water (industrial)	endothall, dipotassium salt	59.23	N/A	13.75	A
Water (industrial)	endothall, mono [n,n-dimethyl alkylamine] salt	11.35	N/A	4.0	A
Water (industrial)	fatty acids, c16-c18 and c18-unsaturated, methyl esters	0.27	N/A	3.0	A
Water (industrial)	glyphosate, isopropylamine salt	8.1	N/A	3.0	A
Water (industrial)	limonene	1.35	N/A	3.0	A
Water (industrial)	triclopyr, triethylamine salt	4.22	N/A	4.0	A
Water area	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	0.51	1	1.0	A
Water area	copper ethanolamine complexes, mixed	8.41	N/A	2.0	A
Water area	copper sulfate (pentahydrate)	198.0	4	2.0	A
Water area	copper sulfate (pentahydrate)	148.5	1	436,681.0	C
Water area	diquat dibromide	316.98	N/A	42.5	A
Water area	endothall, dipotassium salt	4,493.78	N/A	231.0	A
Water area	glyphosate, isopropylamine salt	2.77	1	1.0	A
Water area	hydrogen peroxide	605.08	N/A	299.92	U
Water area	peroxyacetic acid	412.55	N/A	299.92	U
Water area	triclopyr, triethylamine salt	619.56	N/A	24.0	A