

2020 Annual Statewide Pesticide Use Report Indexed by Commodity MENDOCINO 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	clethodim	7.26	1	60.0	A
Alfalfa	glyphosate, potassium salt	22.07	2	120.0	A
Alfalfa	saflufenacil	2.85	1	60.0	A
Animal premise	alkyl (50%c14, 40%c12, 10%c16) dimethylbenzyl ammonium chloride	0.07	N/A	9,000.0	S
Animal premise	didecyl dimethyl ammonium chloride	0.03	N/A	9,000.0	S
Animal premise	glutaraldehyde	0.04	N/A	9,000.0	S
Apple	alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	0.2	2	0.7	A
Apple	codling moth granulosis virus	<0.01	2	2.0	A
Apple	copper hydroxide	1.5	2	2.0	A
Apple	copper oxychloride	1.67	2	2.0	A
Apple	e,e-8,10-dodecadien-1-ol	0.9	1	2.5	A
Apple	glufosinate-ammonium	0.23	1	0.2	A
Apple	lauryl alcohol	0.5	1	2.5	A
Apple	lime-sulfur	141.37	4	27.8	A
Apple	mineral oil	260.21	8	44.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Apple	myristyl alcohol	0.1	1	2.5	A
Apple	potassium bicarbonate	100.2	8	28.0	A
Apple	pyraflufen-ethyl	<0.01	1	0.2	A
Apple	sulfur	370.0	10	62.3	A
Cannabis (all or unspecified)	azadirachtin	0.04	7	16,400.0	S
Cannabis (all or unspecified)	bacillus amyloliquefaciens strain d747	0.21	3	30,000.0	S
Cannabis (all or unspecified)	bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	0.54	1	10,000.0	S
Cannabis (all or unspecified)	beauveria bassiana strain gha	0.11	1	10,000.0	S
Cannabis (all or unspecified)	burkholderia sp strain a396 cells and fermentation media	9.98	8	24,000.0	C
Cannabis (all or unspecified)	burkholderia sp strain a396 cells and fermentation media	7.8	27	113,000.0	S
Cannabis (all or unspecified)	chromobacterium subtsugae strain praa4-1	2.08	22	55,000.0	S
Cannabis (all or unspecified)	clarified hydrophobic extract of neem oil	4.73	64	32,338.0	S
Cannabis (all or unspecified)	dimethylpolysiloxane	0.01	2	3,000.0	S
Cannabis (all or unspecified)	hydrogen peroxide	0.52	27	270,000.0	S
Cannabis (all or unspecified)	metarhizium anisopliae strain f52	0.22	1	0.2	A
Cannabis (all or unspecified)	mineral oil	98.33	105	762,600.0	S
Cannabis (all or unspecified)	mineral oil	0.44	8	200.0	U

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Cannabis (all or unspecified)	paecilomyces fumosoroseus apopka strain 97	0.01	1	300.0	S
Cannabis (all or unspecified)	polyoxyethylene polyoxypropylene	0.05	2	3,000.0	S
Cannabis (all or unspecified)	potash soap	138.55	110	513,085.0	S
Cannabis (all or unspecified)	potash soap	0.25	8	200.0	U
Cannabis (all or unspecified)	potassium bicarbonate	1.33	26	260,000.0	S
Cannabis (all or unspecified)	reynoutria sachalinensis	0.28	8	24,000.0	C
Cannabis (all or unspecified)	reynoutria sachalinensis	0.54	41	334,360.0	S
Cannabis (all or unspecified)	streptomyces griseoviridis strain k61	0.12	6	15,000.0	S
Cannabis (all or unspecified)	sulfur	18.58	104	344,858.0	S
Cannabis (all or unspecified)	sulfur	0.46	8	200.0	U
Cannabis (all or unspecified)	trichoderma harzianum rifai strain krl-ag2	0.03	2	6,800.0	S
Cannabis (all or unspecified)	yucca schidigera	1.95	8	23,100.0	S
Forest, timberland	aminopyralid, triisopropanolamine salt	7.71	2	85.0	A
Forest, timberland	benzoic acid	6.49	57	1,294.0	A
Forest, timberland	clopyralid, monoethanolamine salt	19.53	7	147.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Forest, timberland	diethylene glycol	1.76	2	85.0	A
Forest, timberland	dimethyl alkyl tertiary amines	7.1	57	1,294.0	A
Forest, timberland	dimethylpolysiloxane	0.04	2	85.0	A
Forest, timberland	fatty acids, mixed	3.78	3	105.0	A
Forest, timberland	glyphosate, isopropylamine salt	160.57	10	189.0	A
Forest, timberland	imazapyr, isopropylamine salt	2,936.87	192	4,488.66	A
Forest, timberland	methyated soybean oil	3,115.59	119	2,710.0	A
Forest, timberland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	176.7	40	910.0	A
Forest, timberland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	214.41	25	611.0	A
Forest, timberland	oleic acid, ethyl ester	0.48	1	1.0	A
Forest, timberland	polyalkene oxide modified heptamethyl trisiloxane	10.92	15	367.0	A
Forest, timberland	polyethylene glycol stearate	0.12	1	1.0	A
Forest, timberland	sulfometuron-methyl	0.75	1	6.0	A
Forest, timberland	triclopyr, butoxyethyl ester	475.84	16	344.0	A
Forest, timberland	triclopyr, triethylamine salt	512.58	15	376.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Forest, timberland	alpha-undecyl-omega-hydroxypoly(oxyethylene)	4.58	2	85.0	A
Fumigation, other	sulfur dioxide	3,042.11	N/A	N/A	N/A
Grape, wine	abamectin	12.76	27	750.1	A
Grape, wine	acetamiprid	5.65	3	68.82	A
Grape, wine	alpha-alkylaryl-omega-hydroxypoly(oxyethylene)	17.93	2	280.0	A
Grape, wine	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	182.67	148	1,198.52	A
Grape, wine	alpha-alkyl (c9-c16)-omega-hydroxypoly(oxyethylene)	4.49	3	32.9	A
Grape, wine	alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	18.28	5	100.0	A
Grape, wine	alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	880.07	436	7,681.0	A
Grape, wine	alpha-pinene beta-pinene copolymer	110.99	13	370.99	A
Grape, wine	alkyl (c8,c10) polyglucoside	547.84	213	2,759.62	A
Grape, wine	allyloxypolyethylene glycol acetate	16.94	25	391.13	A
Grape, wine	ammonium nitrate	527.88	200	2,639.96	A
Grape, wine	ammonium propionate	4.73	6	61.25	A
Grape, wine	ammonium sulfate	1,739.36	413	3,401.74	A
Grape, wine	azoxystrobin	165.22	47	907.6	A
Grape, wine	bacillus pumilus, strain qst 2808	61.42	28	554.2	A
Grape, wine	bacillus amyloliquefaciens strain mbi 600	1.16	2	21.0	A
Grape, wine	benzoic acid	5.34	124	1,102.91	A
Grape, wine	bifenazate	61.62	10	131.81	A
Grape, wine	n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	10.19	24	402.44	A
Grape, wine	boscalid	287.07	41	1,277.3	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	buprofezin	0.53	1	1.0	A
Grape, wine	butyl alcohol	10.3	29	317.82	A
Grape, wine	butyl lactate	6.89	5	12.53	A
Grape, wine	calcium chloride	40.17	22	356.11	A
Grape, wine	capric acid	399.24	16	155.1	A
Grape, wine	caprylic acid	586.38	16	155.1	A
Grape, wine	carfentrazone-ethyl	9.14	82	524.57	A
Grape, wine	castor oil ethoxylate	14.34	7	144.8	A
Grape, wine	chlorpyrifos	1.12	6	191.0	A
Grape, wine	chromobacterium subtsugae strain praa4-1	179.43	12	287.91	A
Grape, wine	citric acid	134.08	67	719.39	A
Grape, wine	copper hydroxide	3,466.38	305	8,670.41	A
Grape, wine	copper oxide (ous)	531.92	26	429.41	A
Grape, wine	copper oxychloride	2,919.74	254	5,850.37	A
Grape, wine	copper sulfate (basic)	471.1	15	343.36	A
Grape, wine	cyflufenamid	109.92	126	3,498.69	A
Grape, wine	cyflumetofen	146.02	35	817.89	A
Grape, wine	cyprodinil	811.94	155	4,661.09	A
Grape, wine	difenoconazole	276.29	164	4,544.15	A
Grape, wine	dimethyl alkyl tertiary amines	5.83	124	1,102.91	A
Grape, wine	3,7-dimethyl-6-octen-1-ol	5.01	11	293.19	A
Grape, wine	dimethylpolysiloxane	85.76	139	1,950.07	A
Grape, wine	dimethyl silicone fluid emulsion	1.59	17	341.74	A
Grape, wine	alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	5.59	12	323.06	A
Grape, wine	edta	0.48	2	34.93	A
Grape, wine	etoxazole	21.98	5	178.25	A
Grape, wine	farnesol	2.01	11	293.19	A
Grape, wine	fatty acids, methyl esters	143.22	18	155.92	A
Grape, wine	fatty acids, mixed	0.15	8	82.33	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	fatty acids, c16-18 and c18-unsaturated, branched and linear	0.65	1	40.0	A
Grape, wine	fenhexamid	774.71	52	1,569.77	A
Grape, wine	flzasulfuron	22.65	92	679.05	A
Grape, wine	fluazifop-butyl	1.4	2	8.0	A
Grape, wine	fluazifop-p-butyl	29.1	10	78.8	A
Grape, wine	fludioxonil	9.95	2	45.5	A
Grape, wine	flumioxazin	653.06	225	2,499.23	A
Grape, wine	fluopyram	288.26	96	2,742.14	A
Grape, wine	flutriafol	226.62	115	2,830.74	A
Grape, wine	geraniol	5.01	11	293.19	A
Grape, wine	glufosinate-ammonium	2,610.06	284	3,433.12	A
Grape, wine	glycerol	67.01	38	358.45	A
Grape, wine	glyphosate, isopropylamine salt	1,713.15	95	1,090.63	A
Grape, wine	glyphosate, potassium salt	10,413.44	393	5,028.81	A
Grape, wine	heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	0.29	8	16.0	A
Grape, wine	humic acid	0.95	2	34.93	A
Grape, wine	hydrogen peroxide	146.41	4	41.9	A
Grape, wine	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	1,414.47	373	8,903.5	A
Grape, wine	imidacloprid	514.24	127	3,839.73	A
Grape, wine	indaziflam	75.93	239	1,742.62	A
Grape, wine	alpha-isodecyl-omega-hydroxypoly(oxyethylene) phosphate	38.21	3	92.75	A
Grape, wine	isoxaben	18.47	7	62.2	A
Grape, wine	kaolin	4,059.64	12	149.15	A
Grape, wine	kresoxim-methyl	101.43	27	659.05	A
Grape, wine	lecithin	122.02	31	476.65	A
Grape, wine	lime-sulfur	456.41	4	16.94	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	methyalted soybean oil	756.97	185	2,658.84	A
Grape, wine	methyl silicone resins	18.46	3	112.0	A
Grape, wine	metrafenone	796.38	105	2,746.43	A
Grape, wine	mineral oil	65,445.11	549	11,418.42	A
Grape, wine	modified phthalic glycerol alkyd resin	20.61	9	225.2	A
Grape, wine	myclobutanil	242.83	96	2,163.99	A
Grape, wine	myrothecium verrucaria, dried fermentation solids & solubles, strain aarc-0255	162.0	2	18.0	A
Grape, wine	nerolidol	5.01	11	293.19	A
Grape, wine	4-nonylphenol, formaldehyde resin, propoxylated	154.98	76	1,463.45	A
Grape, wine	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	965.34	180	3,492.99	A
Grape, wine	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	0.2	3	8.75	A
Grape, wine	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	24.68	15	212.81	A
Grape, wine	oleic acid, ethyl ester	4.98	2	19.0	A
Grape, wine	oleic acid, methyl ester	251.87	28	424.03	A
Grape, wine	oxyfluorfen	821.21	105	3,102.16	A
Grape, wine	paraquat dichloride	53.36	5	95.93	A
Grape, wine	pendimethalin	463.15	21	183.9	A
Grape, wine	peroxyacetic acid	10.81	4	41.9	A
Grape, wine	phosphoric acid	12.96	32	254.57	A
Grape, wine	polyacrylamide polymer	4.04	24	179.78	A
Grape, wine	polyalkene oxide modified heptamethyl trisiloxane	0.29	2	22.0	A
Grape, wine	polyalkyleneoxide modified polydimethyl-siloxane	13.71	5	109.07	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	poly(oxy-1,2-ethanediyl), alpha-isodecyl-omega-hydroxy-phosphate, potassium salt	13.89	3	92.75	A
Grape, wine	polyether modified polysiloxane	74.58	35	688.09	A
Grape, wine	polyethoxylated castor oil	129.59	24	1,046.04	A
Grape, wine	polyethylene glycol	178.1	52	1,542.77	A
Grape, wine	polyethylene glycol diacetate	1.54	25	391.13	A
Grape, wine	polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	48.38	11	202.5	A
Grape, wine	polyethylene glycol stearate	1.25	2	19.0	A
Grape, wine	polyoxyethylene polyol fatty acid esters	28.48	10	112.53	A
Grape, wine	polyoxin d, zinc salt	1.51	4	35.0	A
Grape, wine	poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	13.29	24	1,046.04	A
Grape, wine	poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	3.52	3	112.0	A
Grape, wine	polypropylene glycol	0.13	2	48.82	A
Grape, wine	potash soap	41.62	41	81.5	A
Grape, wine	potassium bicarbonate	860.04	27	384.46	A
Grape, wine	potassium hydroxide	0.86	8	74.79	A
Grape, wine	propionic acid	3.54	8	82.33	A
Grape, wine	propylene glycol	1.6	4	44.0	A
Grape, wine	pyraclostrobin	145.81	41	1,277.3	A
Grape, wine	pyraflufen-ethyl	3.98	65	984.69	A
Grape, wine	pyrethrins	39.42	69	1,217.8	A
Grape, wine	pyrimethanil	229.66	19	604.87	A
Grape, wine	pyriofenone	56.89	31	607.5	A
Grape, wine	qst 713 strain of dried bacillus subtilis	897.89	109	2,010.18	A
Grape, wine	quinoxifen	425.26	163	4,483.59	A
Grape, wine	resmethrin	0.22	6	191.0	A
Grape, wine	reynoutria sachalinensis	63.13	30	331.78	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	rimsulfuron	48.2	147	1,284.85	A
Grape, wine	sethoxydim	27.16	3	66.6	A
Grape, wine	silica filled polydimethylsiloxane	0.15	2	48.82	A
Grape, wine	simazine	1.99	1	5.0	A
Grape, wine	sodium diisooctylsulfosuccinate	0.32	1	40.0	A
Grape, wine	sodium hydroxide	22.06	24	179.78	A
Grape, wine	sodium polyacrylate	0.12	6	61.25	A
Grape, wine	sodium xylene sulfonate	2.1	1	40.0	A
Grape, wine	sorbitol	5.66	7	98.81	A
Grape, wine	spirotetramat	140.47	27	1,266.72	A
Grape, wine	starch	<0.01	2	22.0	A
Grape, wine	strychnine	4.01	52	541.62	A
Grape, wine	styrene butadiene copolymer	2.17	4	44.0	A
Grape, wine	sulfur	479,006.66	2,496	66,126.44	A
Grape, wine	tall oil	21.42	69	1,318.65	A
Grape, wine	tall oil fatty acids	269.12	80	2,666.74	A
Grape, wine	tebuconazole	256.92	92	2,421.98	A
Grape, wine	tetraconazole	12.56	20	313.91	A
Grape, wine	thiamethoxam	4.0	1	48.82	A
Grape, wine	thiophanate-methyl	151.55	11	216.5	A
Grape, wine	alpha-tridecyl-omega-hydroxypoly(oxyethanol) phosphate	4.08	8	74.79	A
Grape, wine	triethanolamine	3.07	2	34.93	A
Grape, wine	trifloxystrobin	51.91	14	518.74	A
Grape, wine	triflumizole	320.63	53	1,530.03	A
Grape, wine	alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	0.94	4	44.0	A
Grape, wine	alpha-undecyl-omega-hydroxypoly(oxyethylene)	1.24	3	30.0	A
Grape, wine	urea dihydrogen sulfate	4.35	8	74.79	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	vinyl polymer	0.14	1	25.33	A
Grape, wine	xanthan gum	3.96	5	63.88	A
Grape, wine	ziram	1,410.56	13	464.0	A
Landscape maintenance	alpha-pinene beta-pinene copolymer	0.43	N/A	N/A	N/A
Landscape maintenance	alkyl (c8,c10) polyglucoside	2.43	N/A	N/A	N/A
Landscape maintenance	aminopyralid, triisopropanolamine salt	1.14	N/A	N/A	N/A
Landscape maintenance	ammonium nitrate	0.16	N/A	N/A	N/A
Landscape maintenance	ammonium sulfate	1.51	N/A	N/A	N/A
Landscape maintenance	n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	0.02	N/A	N/A	N/A
Landscape maintenance	bromethalin	<0.01	N/A	N/A	N/A
Landscape maintenance	1-bromo-3-chloro-5,5-dimethyl hydantoin	30.0	N/A	N/A	N/A
Landscape maintenance	carfentrazone-ethyl	0.03	N/A	N/A	N/A
Landscape maintenance	chlorsulfuron	0.08	N/A	N/A	N/A
Landscape maintenance	copper ammonium complex	0.29	N/A	N/A	N/A
Landscape maintenance	2,4-d	2.05	N/A	N/A	N/A
Landscape maintenance	2,4-d, 2-ethylhexyl ester	1.42	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	dicamba	0.28	N/A	N/A	N/A
Landscape maintenance	1,3-dichloro-5,5-dimethylhydantoin	13.7	N/A	N/A	N/A
Landscape maintenance	1,3-dichloro-5-ethyl-5-methylhydantoin	5.3	N/A	N/A	N/A
Landscape maintenance	dikegulac sodium	0.27	N/A	N/A	N/A
Landscape maintenance	dimethylpolysiloxane	<0.01	N/A	N/A	N/A
Landscape maintenance	diquat dibromide	1.74	N/A	N/A	N/A
Landscape maintenance	dithiopyr	8.86	N/A	N/A	N/A
Landscape maintenance	fatty acids, mixed	0.41	N/A	N/A	N/A
Landscape maintenance	glufosinate-ammonium	21.0	N/A	N/A	N/A
Landscape maintenance	glutaraldehyde	19.81	N/A	N/A	N/A
Landscape maintenance	glyphosate, isopropylamine salt	71.35	N/A	N/A	N/A
Landscape maintenance	glyphosate, potassium salt	83.4	N/A	N/A	N/A
Landscape maintenance	imazapyr, isopropylamine salt	0.35	N/A	N/A	N/A
Landscape maintenance	iron phosphate	18.0	N/A	N/A	N/A
Landscape maintenance	isoxaben	4.78	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	mcpp	0.92	N/A	N/A	N/A
Landscape maintenance	mecoprop-p	0.29	N/A	N/A	N/A
Landscape maintenance	mineral oil	0.33	N/A	N/A	N/A
Landscape maintenance	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	2.03	N/A	N/A	N/A
Landscape maintenance	oryzalin	0.91	N/A	N/A	N/A
Landscape maintenance	oxadiazon	2.0	N/A	N/A	N/A
Landscape maintenance	simazine	2.0	N/A	N/A	N/A
Landscape maintenance	sulfometuron-methyl	0.15	N/A	N/A	N/A
Landscape maintenance	tall oil fatty acids	0.01	N/A	N/A	N/A
Landscape maintenance	triclopyr choline	22.32	N/A	N/A	N/A
Landscape maintenance	trifluralin	1.72	N/A	N/A	N/A
Lumber, treated	5-chloro-2-methyl-4-isothiazolin-3-one	7,414.01	N/A	9,512.38	K
Lumber, treated	copper ethanolamine complexes, mixed	1,443,732.79	N/A	9,512.38	K
Lumber, treated	diiodomethyl p-tolyl sulfone	385.83	N/A	5,498.2	K
Lumber, treated	3-iodo-2-propynyl butylcarbamate	1,414.72	N/A	5,498.2	K
Lumber, treated	2-methyl-4-isothiazolin-3-one	2,637.68	N/A	9,512.38	K
Lumber, treated	octhilineone	43,661.54	N/A	9,512.38	K
Lumber, treated	propiconazole	11,676.95	N/A	15,010.58	K
Lumber, treated	tebuconazole	10,262.22	N/A	9,512.38	K

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs plants in containers	abamectin	0.01	2	34,000.0	S
N-grnhs plants in containers	acetamiprid	0.18	4	51,700.0	S
N-grnhs plants in containers	boscalid	0.13	1	17,000.0	S
N-grnhs plants in containers	chlormequat chloride	0.18	22	5,850.0	S
N-grnhs plants in containers	daminozide	1.12	39	19,700.0	S
N-grnhs plants in containers	dinotefuran	0.58	6	102,000.0	S
N-grnhs plants in containers	fludioxonil	0.13	1	17,000.0	S
N-grnhs plants in containers	imidacloprid	0.15	10	3,900.0	S
N-grnhs plants in containers	(s)-kinoprene	0.36	3	34,700.0	S
N-grnhs plants in containers	mefenoxam	0.21	21	11,750.0	S
N-grnhs plants in containers	metaldehyde	0.02	50	624.81	S
N-grnhs plants in containers	potash soap	0.24	54	394.5	S
N-grnhs plants in containers	pyraclostrobin	0.06	1	17,000.0	S
N-grnhs plants in containers	spinosad	0.7	9	136,700.0	S
N-grnhs plants in containers	trifloxystrobin	0.25	1	17,000.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-outdr plants in containers	bacillus thuringiensis (berliner), subsp. kurstaki strain sa-12	0.09	4	750.0	S
N-outdr plants in containers	iba	<0.01	16	2,083.0	U
N-outdr plants in containers	metaldehyde	0.08	102	2,633.76	S
N-outdr plants in containers	potash soap	0.22	7	1,285.4	S
N-outdr plants in containers	sulfur	<0.01	2	600.0	S
Oat	2,4-d, dimethylamine salt	4.36	1	8.0	A
Olive	alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	0.02	1	0.5	A
Olive	copper hydroxide	2.99	4	6.5	A
Olive	copper oxychloride	3.31	4	6.5	A
Olive	flumioxazin	0.77	1	2.0	A
Olive	glufosinate-ammonium	0.7	1	0.5	A
Olive	glyphosate, isopropylamine salt	5.23	2	2.5	A
Olive	mineral oil	6.96	1	1.5	A
Olive	myclobutanil	0.05	1	0.5	A
Olive	pyraflufen-ethyl	0.01	1	2.0	A
Olive	spinosad	0.01	5	10.0	A
Olive	sulfur	2.8	2	1.0	A
Pastureland	2,4-d, dimethylamine salt	4.36	1	8.0	A
Pastureland	glyphosate, potassium salt	11.03	1	5.0	A
Pastureland	malathion	9.2	1	9.0	A
Peach	alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	0.43	2	1.5	A
Peach	boscalid	0.11	1	1.0	A
Peach	copper hydroxide	12.91	12	11.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Peach	copper oxychloride	14.31	12	11.0	A
Peach	glufosinate-ammonium	0.57	1	0.5	A
Peach	glyphosate, potassium salt	0.32	1	0.25	A
Peach	mineral oil	13.97	1	2.0	A
Peach	pyraclostrobin	0.06	1	1.0	A
Peach	pyraflufen-ethyl	<0.01	1	0.5	A
Peach	qst 713 strain of dried bacillus subtilis	0.66	1	2.0	A
Peach	thiophanate-methyl	0.18	1	1.0	A
Peach	ziram	2.28	1	1.0	A
Pear	abamectin	21.26	28	1,064.0	A
Pear	acetamiprid	5.33	2	71.0	A
Pear	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	15.56	3	69.0	A
Pear	alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	4.31	3	114.1	A
Pear	alkyl (c8,c10) polyglucoside	98.09	18	348.65	A
Pear	ammonium nitrate	129.57	14	329.85	A
Pear	ammonium sulfate	204.61	23	405.8	A
Pear	benzoic acid	0.13	1	23.5	A
Pear	bifenazate	61.5	4	123.0	A
Pear	chlorantraniliprole	46.98	14	528.5	A
Pear	copper hydroxide	574.47	29	509.75	A
Pear	copper oxide (ous)	70.9	8	74.0	A
Pear	copper oxychloride	468.98	30	520.75	A
Pear	copper sulfate (basic)	3.02	3	47.0	A
Pear	cyflumetofen	21.96	2	136.0	A
Pear	cyprodinil	207.85	42	1,425.0	A
Pear	2,4-d, dimethylamine salt	181.69	2	120.0	A
Pear	difenoconazole	30.66	23	890.5	A
Pear	dimethyl alkyl tertiary amines	0.15	1	23.5	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pear	dimethylpolysiloxane	0.08	13	249.0	A
Pear	diuron	311.88	2	120.0	A
Pear	e,e-8,10-dodecadien-1-ol	52.02	13	528.5	A
Pear	z-8-dodecenol	0.35	5	311.0	A
Pear	e-8-dodecenyl acetate	2.07	5	311.0	A
Pear	z-8-dodecenyl acetate	31.79	5	311.0	A
Pear	dodine	581.1	7	561.0	A
Pear	esfenvalerate	53.85	21	901.75	A
Pear	etoxazole	25.52	5	189.0	A
Pear	fatty acids, mixed	0.23	2	55.0	A
Pear	fenpropathrin	7.83	1	20.0	A
Pear	flumioxazin	48.92	7	222.5	A
Pear	fosetyl-al	56.0	1	14.0	A
Pear	glufosinate-ammonium	324.79	20	359.2	A
Pear	glyphosate, isopropylamine salt	552.93	7	516.5	A
Pear	glyphosate, potassium salt	698.15	20	469.35	A
Pear	heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	5.93	2	76.0	A
Pear	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	180.01	24	1,084.25	A
Pear	indaziflam	10.15	13	206.5	A
Pear	kasugamycin hydrochloride	49.97	10	664.0	A
Pear	lauryl alcohol	17.25	12	378.5	A
Pear	lecithin	5.29	2	55.0	A
Pear	lime-sulfur	3,211.29	7	173.5	A
Pear	mancozeb	10,979.09	83	2,994.75	A
Pear	methoxyfenozide	105.61	10	390.0	A
Pear	methylated soybean oil	111.17	5	121.7	A
Pear	mineral oil	96,414.97	95	3,975.0	A
Pear	modified phthalic glycerol alkyd resin	113.2	4	440.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pear	myristyl alcohol	3.5	12	378.5	A
Pear	naa, ammonium salt	26.21	8	293.0	A
Pear	naa, potassium salt	80.9	23	776.5	A
Pear	4-nonylphenol, formaldehyde resin, propoxylated	48.3	6	213.0	A
Pear	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	87.81	11	367.5	A
Pear	oxyfluorfen	108.29	12	274.7	A
Pear	oxytetracycline, calcium complex	474.27	55	3,042.0	A
Pear	oxytetracycline hydrochloride	271.31	51	1,518.5	A
Pear	oxytetracycline hydrochloride, other related	2.5	51	1,518.5	A
Pear	penthiopyrad	29.88	5	114.75	A
Pear	polyethoxylated castor oil	32.77	3	74.7	A
Pear	polyethylene glycol	8.47	2	76.0	A
Pear	poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	3.36	3	74.7	A
Pear	propionic acid	5.29	2	55.0	A
Pear	pyraflufen-ethyl	0.08	1	14.55	A
Pear	pyrimethanil	9.39	3	44.0	A
Pear	rimsulfuron	9.98	13	223.5	A
Pear	simazine	342.43	2	120.0	A
Pear	spinetoram	107.89	25	1,103.5	A
Pear	spinosad	3.0	2	20.0	A
Pear	streptomycin sulfate	1,090.18	132	5,151.5	A
Pear	sulfur	6,213.4	23	668.75	A
Pear	tall oil	7.43	6	213.0	A
Pear	tall oil fatty acids	30.57	5	150.7	A
Pear	triflumizole	190.63	13	465.75	A
Pear	ziram	9,009.42	65	2,041.75	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rangeland	diuron	0.18	1	3,580.0	S
Rangeland	fatty acids, mixed	0.04	6	9.0	A
Rangeland	glyphosate, potassium salt	6.9	5	7.5	A
Rangeland	lecithin	0.94	6	9.0	A
Rangeland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	0.25	6	9.0	A
Rangeland	propionic acid	0.94	6	9.0	A
Rangeland	tebuthiuron	0.06	1	3,580.0	S
Rangeland	triclopyr, triethylamine salt	3.72	1	1.5	A
Rights of way	alkyl (c8,c10) polyglucoside	0.21	1	1.0	A
Rights of way	alkyl (c8,c10) polyglucoside	24.57	N/A	N/A	N/A
Rights of way	allyloxypolyethylene glycol acetate	0.38	N/A	N/A	N/A
Rights of way	aminocyclopyrachlor, potassium salt	3.9	N/A	N/A	N/A
Rights of way	aminopyralid, triisopropanolamine salt	10.09	N/A	N/A	N/A
Rights of way	ammonium nitrate	0.1	1	1.0	A
Rights of way	ammonium nitrate	11.7	N/A	N/A	N/A
Rights of way	ammonium sulfate	0.2	1	1.0	A
Rights of way	ammonium sulfate	23.4	N/A	N/A	N/A
Rights of way	benzoic acid	0.33	N/A	N/A	N/A
Rights of way	borax	4,057.32	N/A	N/A	N/A
Rights of way	butyl alcohol	0.29	N/A	N/A	N/A
Rights of way	chlorsulfuron	2.72	N/A	N/A	N/A
Rights of way	copper ethylenediamine complex	402.44	N/A	N/A	N/A
Rights of way	copper hydroxide	289.14	N/A	N/A	N/A
Rights of way	copper triethanolamine complex	454.27	N/A	N/A	N/A
Rights of way	dimethyl alkyl tertiary amines	0.35	N/A	N/A	N/A
Rights of way	dimethylpolysiloxane	<0.01	1	1.0	A
Rights of way	dimethylpolysiloxane	0.03	N/A	N/A	N/A
Rights of way	disodium octaborate anhydrous	0.54	N/A	N/A	N/A
Rights of way	dithiopyr	7.91	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	diuron	4.03	N/A	N/A	N/A
Rights of way	glufosinate-ammonium	5.38	N/A	N/A	N/A
Rights of way	glyphosate, dimethylamine salt	236.12	N/A	N/A	N/A
Rights of way	glyphosate, isopropylamine salt	8.01	4	4.0	A
Rights of way	glyphosate, isopropylamine salt	315.52	N/A	N/A	N/A
Rights of way	glyphosate, potassium salt	0.82	1	0.3	A
Rights of way	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	1.32	N/A	N/A	N/A
Rights of way	imazamox, ammonium salt	0.07	N/A	N/A	N/A
Rights of way	imazapyr, isopropylamine salt	135.53	N/A	N/A	N/A
Rights of way	indaziflam	1.48	N/A	N/A	N/A
Rights of way	isoxaben	9.92	N/A	N/A	N/A
Rights of way	lecithin	19.16	N/A	N/A	N/A
Rights of way	low molecular weight paraffinic oil	0.63	N/A	N/A	N/A
Rights of way	metam-sodium	1,133.58	N/A	N/A	N/A
Rights of way	methylated soybean oil	338.16	N/A	N/A	N/A
Rights of way	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	39.32	N/A	N/A	N/A
Rights of way	oleic acid, ethyl ester	15.1	N/A	N/A	N/A
Rights of way	oleic acid, methyl ester	5.21	N/A	N/A	N/A
Rights of way	oxyfluorfen	0.28	N/A	N/A	N/A
Rights of way	polyethylene glycol diacetate	0.03	N/A	N/A	N/A
Rights of way	polyethylene glycol stearate	0.18	N/A	N/A	N/A
Rights of way	polyoxyethylene dioleate	2.51	N/A	N/A	N/A
Rights of way	polyoxyethylene polyoxypropylene	<0.01	N/A	N/A	N/A
Rights of way	polyoxyethylene sorbitan monooleate	0.72	N/A	N/A	N/A
Rights of way	pyraflufen-ethyl	<0.01	1	1.0	A
Rights of way	rimsulfuron	0.18	N/A	N/A	N/A
Rights of way	sodium dioctylsulfosuccinate	<0.01	N/A	N/A	N/A
Rights of way	sulfentrazone	5.93	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	sulfometuron-methyl	1.13	N/A	N/A	N/A
Rights of way	tebuthiuron	1.34	N/A	N/A	N/A
Rights of way	triclopyr, butoxyethyl ester	36.69	N/A	N/A	N/A
Rights of way	triclopyr choline	10.51	N/A	N/A	N/A
Rights of way	triclopyr, triethylamine salt	30.34	N/A	N/A	N/A
Rights of way	alpha-undecyl-omega-hydroxypoly(oxyethylene)	9.58	N/A	N/A	N/A
Rights of way	vinyl ester polymer	0.17	N/A	N/A	N/A
Storage area/box	sulfur dioxide	101.86	N/A	126.0	U
Strawberry	abamectin	0.15	2	12.0	A
Strawberry	glyphosate, isopropylamine salt	7.49	1	6.0	A
Structural pest control	abamectin	0.03	N/A	N/A	N/A
Structural pest control	acephate	0.25	N/A	N/A	N/A
Structural pest control	acetamiprid	0.04	N/A	N/A	N/A
Structural pest control	alkyl (50% ^c 14, 40% ^c 12, 10% ^c 16) dimethylbenzyl ammonium chloride	<0.01	N/A	N/A	N/A
Structural pest control	d-trans allethrin	0.03	N/A	N/A	N/A
Structural pest control	4-aminopyridine	0.17	N/A	N/A	N/A
Structural pest control	bifenthrin	27.7	N/A	N/A	N/A
Structural pest control	borax	1.71	N/A	N/A	N/A
Structural pest control	boric acid	8.77	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	brodifacoum	0.02	N/A	N/A	N/A
Structural pest control	bromadiolone	0.04	N/A	N/A	N/A
Structural pest control	bromethalin	<0.01	N/A	N/A	N/A
Structural pest control	chlorantraniliprole	1.68	N/A	N/A	N/A
Structural pest control	chlorfenapyr	2.2	N/A	N/A	N/A
Structural pest control	chlorophacinone	<0.01	N/A	N/A	N/A
Structural pest control	cholecalciferol	0.49	N/A	N/A	N/A
Structural pest control	copper naphthenate	2.02	N/A	N/A	N/A
Structural pest control	cyfluthrin	<0.01	N/A	N/A	N/A
Structural pest control	beta-cyfluthrin	7.01	N/A	N/A	N/A
Structural pest control	cypermethrin	94.97	N/A	N/A	N/A
Structural pest control	zeta-cypermethrin	0.2	N/A	N/A	N/A
Structural pest control	ddvp	0.03	N/A	N/A	N/A
Structural pest control	ddvp, other related	<0.01	N/A	N/A	N/A
Structural pest control	deltamethrin	33.55	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	diatomaceous earth	0.2	N/A	N/A	N/A
Structural pest control	didecyl dimethyl ammonium chloride	<0.01	N/A	N/A	N/A
Structural pest control	difethialone	0.01	N/A	N/A	N/A
Structural pest control	dinotefuran	5.86	N/A	N/A	N/A
Structural pest control	diphacinone	<0.01	N/A	N/A	N/A
Structural pest control	disodium octaborate tetrahydrate	2,116.33	N/A	N/A	N/A
Structural pest control	esfenvalerate	2.6	N/A	N/A	N/A
Structural pest control	etofenprox	0.12	N/A	N/A	N/A
Structural pest control	fipronil	28.08	N/A	N/A	N/A
Structural pest control	gamma-cyhalothrin	<0.01	N/A	N/A	N/A
Structural pest control	hydramethylnon	0.06	N/A	N/A	N/A
Structural pest control	hydroprene	0.93	N/A	N/A	N/A
Structural pest control	imidacloprid	50.76	N/A	N/A	N/A
Structural pest control	indoxacarb	4.04	N/A	N/A	N/A
Structural pest control	iron phosphate	0.01	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	isopropyl alcohol	0.21	N/A	N/A	N/A
Structural pest control	lambda-cyhalothrin	0.14	N/A	N/A	N/A
Structural pest control	limonene	20.95	N/A	N/A	N/A
Structural pest control	methoprene	<0.01	N/A	N/A	N/A
Structural pest control	s-methoprene	0.01	N/A	N/A	N/A
Structural pest control	muscalure	<0.01	N/A	N/A	N/A
Structural pest control	novaluron	6.36	N/A	N/A	N/A
Structural pest control	n-octyl bicycloheptene dicarboximide	0.58	N/A	N/A	N/A
Structural pest control	permethrin	4.78	N/A	N/A	N/A
Structural pest control	permethrin, other related	<0.01	N/A	N/A	N/A
Structural pest control	petroleum oil, unclassified	0.5	N/A	N/A	N/A
Structural pest control	phenothrin	0.08	N/A	N/A	N/A
Structural pest control	phenylethyl propionate	0.02	N/A	N/A	N/A
Structural pest control	piperonyl butoxide	58.42	N/A	N/A	N/A
Structural pest control	piperonyl butoxide, other related	11.51	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	prallethrin	0.63	N/A	N/A	N/A
Structural pest control	propoxur	0.02	N/A	N/A	N/A
Structural pest control	pyrethrins	8.01	N/A	N/A	N/A
Structural pest control	pyriproxyfen	6.5	N/A	N/A	N/A
Structural pest control	silica aerogel	0.16	N/A	N/A	N/A
Structural pest control	sodium decyl sulfate	0.17	N/A	N/A	N/A
Structural pest control	sodium lauroampho acetate	0.13	N/A	N/A	N/A
Structural pest control	sodium lauryl sulfate	0.08	N/A	N/A	N/A
Structural pest control	sulfuryl fluoride	3,527.93	N/A	N/A	N/A
Structural pest control	tetramethrin	<0.01	N/A	N/A	N/A
Structural pest control	thiamethoxam	1.08	N/A	N/A	N/A
Structural pest control	thyme oil	0.03	N/A	N/A	N/A
Turf/sod	azoxystrobin	1.05	N/A	2.0	A
Turf/sod	azoxystrobin	0.2	N/A	17,500.0	S
Turf/sod	carbaryl	24.0	N/A	2.0	A
Turf/sod	carfentrazone-ethyl	0.35	N/A	95,000.0	S
Turf/sod	chlorantraniliprole	0.32	N/A	2.0	A
Turf/sod	chlorothalonil	30.03	N/A	3.0	A
Turf/sod	chlorothalonil	28.12	N/A	233,000.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Turf/sod	clopyralid, monoethanolamine salt	0.31	N/A	1.0	A
Turf/sod	clopyralid, monoethanolamine salt	0.71	N/A	105,000.0	S
Turf/sod	2,4-d, dimethylamine salt	0.11	N/A	18,000.0	S
Turf/sod	dicamba, dimethylamine salt	0.05	N/A	18,000.0	S
Turf/sod	glyphosate, isopropylamine salt	0.31	N/A	3,000.0	S
Turf/sod	isopropyl alcohol	0.05	N/A	1.0	A
Turf/sod	isopropyl alcohol	0.12	N/A	75,000.0	S
Turf/sod	mcpp-p, dimethylamine salt	0.18	N/A	18,000.0	S
Turf/sod	mineral oil	127.84	N/A	300,000.0	S
Turf/sod	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	0.17	N/A	1.0	A
Turf/sod	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	0.41	N/A	75,000.0	S
Turf/sod	oxadiazon	5.5	N/A	2.0	A
Turf/sod	pcnb	57.75	N/A	3.0	A
Turf/sod	propiconazole	5.59	N/A	4.0	A
Turf/sod	propiconazole	1.59	N/A	122,500.0	S
Turf/sod	tall oil	0.01	N/A	1.0	A
Turf/sod	tall oil	0.03	N/A	75,000.0	S
Turf/sod	triadimefon	0.11	N/A	4,000.0	S
Uncultivated non-ag	alkyl (c8,c10) polyglucoside	5.6	1	28.0	A
Uncultivated non-ag	ammonium nitrate	2.67	1	28.0	A
Uncultivated non-ag	ammonium sulfate	5.34	1	28.0	A
Uncultivated non-ag	dimethylpolysiloxane	0.01	1	28.0	A
Uncultivated non-ag	glyphosate, potassium salt	0.05	1	28.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Vertebrate control	bromadiolone	<0.01	N/A	N/A	N/A
Walnut	alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	0.09	2	0.31	A
Walnut	glufosinate-ammonium	0.35	2	0.31	A
Walnut	pyraflufen-ethyl	<0.01	2	0.31	A
Water area	acid blue 9, diammonium salt	6.65	1	15.0	A
Water area	copper sulfate (pentahydrate)	69.3	1	1.0	A
Water area	diquat dibromide	20.13	N/A	8.0	A
Water area	diquat dibromide	7.46	1	43,560.0	C
Water area	endothall, dipotassium salt	158.64	1	25.0	A
Water area	glyphosate, isopropylamine salt	39.01	2	12.0	A
Water area	oxyfluorfen	6.56	1	7.0	A
Water area	tartrazine	0.55	1	15.0	A