

2021 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	saflufenacil	2.85	1	60.0	A
Apple	lime-sulfur	64.54	5	7.0	A
Apple	methoxyfenozide	0.56	2	2.0	A
Apple	mineral oil	52.78	3	5.0	A
Apple	spinetoram	0.1	1	1.0	A
Apple	sulfur	96.0	3	16.0	A
Cannabis (all or unspecified)	azadirachtin	0.5	55	215,660.0	S
Cannabis (all or unspecified)	bacillus amyloliquefaciens strain d747	0.06	12	4,200.0	S
Cannabis (all or unspecified)	bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	0.12	7	70,000.0	S
Cannabis (all or unspecified)	bacillus thuringiensis ssp kurstaki, strain evb 113 19	1.38	9	90,000.0	S
Cannabis (all or unspecified)	bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	1.08	1	10,000.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Cannabis (all or unspecified)	beauveria bassiana strain gha	0.73	29	61,684.0	S
Cannabis (all or unspecified)	burkholderia sp strain a396 cells and fermentation media	38.65	6	30,000.0	S
Cannabis (all or unspecified)	chromobacterium subtsugae strain praa4-1	3.26	5	27,500.0	S
Cannabis (all or unspecified)	clarified hydrophobic extract of neem oil	11.52	162	84,324.0	S
Cannabis (all or unspecified)	hydrogen peroxide	0.76	5	11,800.0	S
Cannabis (all or unspecified)	mineral oil	59.64	47	156,000.0	S
Cannabis (all or unspecified)	peroxyacetic acid	0.05	2	10,600.0	S
Cannabis (all or unspecified)	potash soap	40.84	47	103,636.0	S
Cannabis (all or unspecified)	potassium phosphite	0.05	3	1,200.0	S
Cannabis (all or unspecified)	pyrethrins	0.34	12	63,169.0	S
Cannabis (all or unspecified)	reynoutria sachalinensis	0.14	2	3,240.0	S
Cannabis (all or unspecified)	streptomyces griseoviridis strain k61	0.08	4	10,000.0	S
Cannabis (all or unspecified)	sulfur	6.68	165	121,426.0	S
Commodity fumigation	sulfur dioxide	2.23	N/A	N/A	N/A
Forest, timberland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	114.8	10	334.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Forest, timberland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	426.02	43	817.5	A
Forest, timberland	alpha-undecyl-omega-hydroxypoly(oxyethylene)	2.14	1	25.0	A
Forest, timberland	aminopyralid, triisopropanolamine salt	3.37	1	25.0	A
Forest, timberland	benzoic acid	2.9	22	401.5	A
Forest, timberland	clopyralid, monoethanolamine salt	0.99	2	60.0	A
Forest, timberland	diethylene glycol	0.82	1	25.0	A
Forest, timberland	dimethyl alkyl tertiary amines	3.17	22	401.5	A
Forest, timberland	dimethylpolysiloxane	0.02	1	25.0	A
Forest, timberland	fatty acids, mixed	1.46	1	25.0	A
Forest, timberland	glyphosate, dimethylamine salt	459.45	14	262.0	A
Forest, timberland	glyphosate, isopropylamine salt	444.63	15	402.0	A
Forest, timberland	imazapyr, isopropylamine salt	1,690.26	125	2,949.0	A
Forest, timberland	methylated soybean oil	4,577.57	74	1,528.0	A
Forest, timberland	oleic acid, ethyl ester	37.34	3	6.5	A
Forest, timberland	polyalkene oxide modified heptamethyl trisiloxane	0.76	5	114.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Forest, timberland	polyethylene glycol stearate	9.33	3	6.5	A
Forest, timberland	triclopyr, butoxyethyl ester	145.6	8	150.5	A
Forest, timberland	triclopyr, triethylamine salt	573.66	27	656.0	A
Forest, timberland	triclopyr, triethylamine salt	4.25	N/A	11,000.0	U
Fumigation, other	sulfur dioxide	2,458.7	N/A	N/A	N/A
Grape	glutaraldehyde	83.3	N/A	8.6	A
Grape	sulfur	20.0	N/A	4.3	A
Grape, wine	2,4-d, dimethylamine salt	1.49	2	24.0	A
Grape, wine	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	2,263.81	414	10,016.16	A
Grape, wine	3,7-dimethyl-6-octen-1-ol	2.48	9	164.25	A
Grape, wine	4-nonylphenol, formaldehyde resin, propoxylated	56,852.72	58	2,007.64	A
Grape, wine	abamectin	30.32	76	2,053.26	A
Grape, wine	alkyl (c8,c10) polyglucoside	325.99	143	1,808.94	A
Grape, wine	allyloxypolyethylene glycol acetate	21.95	19	449.66	A
Grape, wine	alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	22.5	53	1,732.8	A
Grape, wine	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	743.3	103	2,381.81	A
Grape, wine	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	0.58	3	11.1	A
Grape, wine	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	6.36	6	151.4	A
Grape, wine	alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	67.72	11	237.09	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	347.07	179	2,071.24	A
Grape, wine	alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	985.55	315	7,411.14	A
Grape, wine	alpha-isodecyl-omega-hydroxypoly(oxyethylene)	0.23	1	7.5	A
Grape, wine	alpha-pinene beta-pinene copolymer	432.26	54	1,793.69	A
Grape, wine	alpha-undecyl-omega-hydroxypoly(oxyethylene)	29.18	6	147.75	A
Grape, wine	ammonium nitrate	236.48	217	2,575.86	A
Grape, wine	ammonium propionate	2.0	2	126.8	A
Grape, wine	ammonium sulfate	2,054.01	356	4,011.37	A
Grape, wine	azadirachtin	3.28	3	94.0	A
Grape, wine	azoxystrobin	119.67	24	654.35	A
Grape, wine	bacillus amyloliquefaciens strain d747	83.7	2	33.0	A
Grape, wine	bacillus amyloliquefaciens strain mbi 600	1.1	1	20.0	A
Grape, wine	bacillus pumilus, strain qst 2808	142.86	40	1,242.44	A
Grape, wine	bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	7.07	1	13.09	A
Grape, wine	benzoic acid	7.46	147	1,527.11	A
Grape, wine	bifenazate	217.29	19	485.16	A
Grape, wine	boscalid	208.42	31	777.77	A
Grape, wine	burkholderia sp strain a396 cells and fermentation media	294.28	2	34.0	A
Grape, wine	butyl alcohol	6.53	14	186.86	A
Grape, wine	butyl lactate	23.89	19	230.75	A
Grape, wine	calcium chloride	34.59	33	734.83	A
Grape, wine	capric acid	617.67	22	207.57	A
Grape, wine	caprylic acid	907.33	23	233.57	A
Grape, wine	carfentrazone-ethyl	2.11	10	136.82	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	castor oil ethoxylate	51,643.46	45	1,482.61	A
Grape, wine	citric acid	110.4	67	1,135.58	A
Grape, wine	copper hydroxide	2,618.44	248	7,185.3	A
Grape, wine	copper oxide (ous)	673.38	22	607.89	A
Grape, wine	copper oxychloride	2,425.64	196	5,087.86	A
Grape, wine	copper sulfate (basic)	206.2	7	273.66	A
Grape, wine	copper sulfate (pentahydrate)	99.0	1	1.0	A
Grape, wine	cyflufenamid	95.14	121	3,704.53	A
Grape, wine	cyflumetofen	170.85	46	1,043.2	A
Grape, wine	cyprodinil	586.08	96	3,095.41	A
Grape, wine	dicamba	0.16	2	24.0	A
Grape, wine	diethylene glycol	10.35	3	117.75	A
Grape, wine	difenoconazole	192.6	108	3,198.98	A
Grape, wine	dimethyl alkyl tertiary amines	8.15	147	1,527.11	A
Grape, wine	dimethyl silicone fluid emulsion	1.03	14	383.92	A
Grape, wine	dimethylpolysiloxane	78.82	85	939.81	A
Grape, wine	etoxazole	77.97	14	577.52	A
Grape, wine	farnesol	0.99	9	164.25	A
Grape, wine	fatty acids, c16-c18 and c18-unsaturated, methyl esters	0.39	1	7.5	A
Grape, wine	fatty acids, methyl esters	12.13	2	9.29	A
Grape, wine	fatty acids, mixed	20.76	25	465.71	A
Grape, wine	fenhexamid	921.01	53	1,888.34	A
Grape, wine	flzasulfuron	5.53	22	370.25	A
Grape, wine	fluazifop-p-butyl	70.81	22	196.15	A
Grape, wine	fludioxonil	3.28	1	15.0	A
Grape, wine	flumioxazin	856.86	207	2,548.15	A
Grape, wine	fluopyram	250.52	102	2,339.43	A
Grape, wine	flutriafol	154.81	91	1,916.81	A
Grape, wine	geraniol	2.48	9	164.25	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	glufosinate-ammonium	2,339.83	200	2,867.61	A
Grape, wine	glycerol	185.02	51	786.09	A
Grape, wine	glyphosate, isopropylamine salt	2,948.41	96	1,509.94	A
Grape, wine	glyphosate, potassium salt	8,155.96	283	3,797.08	A
Grape, wine	heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	0.42	8	21.16	A
Grape, wine	hydrogen peroxide	0.25	1	26.0	A
Grape, wine	imidacloprid	601.07	112	3,366.13	A
Grape, wine	indaziflam	68.07	108	1,738.27	A
Grape, wine	isopropyl alcohol	0.02	1	1.0	A
Grape, wine	kaolin	7,106.76	20	318.04	A
Grape, wine	kresoxim-methyl	83.16	15	497.01	A
Grape, wine	lavandulyl senecioate	0.22	1	75.0	A
Grape, wine	lecithin	51.36	24	360.44	A
Grape, wine	methylated soybean oil	468.73	190	1,993.79	A
Grape, wine	metrafenone	536.93	70	1,866.14	A
Grape, wine	mineral oil	37,835.11	332	8,830.97	A
Grape, wine	modified phthalic glycerol alkyd resin	34.83	11	344.54	A
Grape, wine	myclobutanil	208.03	79	2,132.39	A
Grape, wine	myrothecium verrucaria, dried fermentation solids & solubles, strain aarc-0255	150.35	3	43.58	A
Grape, wine	n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	0.44	1	60.89	A
Grape, wine	nerolidol	2.48	9	164.25	A
Grape, wine	oleic acid, methyl ester	305.37	21	471.86	A
Grape, wine	oxyfluorfen	1,216.94	160	2,806.16	A
Grape, wine	paraquat dichloride	2.07	1	6.7	A
Grape, wine	pendimethalin	47.93	6	16.08	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	peroxyacetic acid	0.16	1	26.0	A
Grape, wine	phosphoric acid	11.93	20	141.76	A
Grape, wine	poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	5.78	31	415.43	A
Grape, wine	poly-i-para-menthene	10.58	2	21.3	A
Grape, wine	polyacrylamide polymer	3.86	20	141.76	A
Grape, wine	polyalkene oxide modified heptamethyl trisiloxane	4.45	1	40.0	A
Grape, wine	polyalkyleneoxide modified polydimethyl-siloxane	0.06	6	97.64	A
Grape, wine	polyether modified polysiloxane	190.42	12	295.72	A
Grape, wine	polyethoxylated castor oil	56.58	32	422.93	A
Grape, wine	polyethylene glycol	137.22	32	668.14	A
Grape, wine	polyethylene glycol diacetate	2.0	19	449.66	A
Grape, wine	polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	26.77	4	100.8	A
Grape, wine	polyoxin d, zinc salt	0.63	2	17.4	A
Grape, wine	polyoxyethylene polyol fatty acid esters	96.85	23	369.28	A
Grape, wine	polyoxyethylene sorbitan monolaurate	36.97	7	98.56	A
Grape, wine	polypropylene glycol	0.23	6	97.64	A
Grape, wine	potash soap	18.27	1	9.0	A
Grape, wine	potassium bicarbonate	615.53	25	256.42	A
Grape, wine	propionic acid	44.74	21	343.34	A
Grape, wine	pyraclostrobin	105.87	31	777.77	A
Grape, wine	pyraflufen-ethyl	1.78	45	394.23	A
Grape, wine	pyrethrins	63.49	56	1,628.93	A
Grape, wine	pyrimethanil	17.0	2	88.61	A
Grape, wine	pyriofenone	114.43	42	1,224.74	A
Grape, wine	qst 713 strain of dried bacillus subtilis	873.2	97	1,361.14	A
Grape, wine	quillaja	10.86	1	25.79	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	quinclorac	0.93	2	24.0	A
Grape, wine	quinoxifen	386.68	135	3,916.26	A
Grape, wine	reynoutria sachalinensis	51.12	17	145.2	A
Grape, wine	rimsulfuron	39.29	79	1,119.35	A
Grape, wine	silica filled polydimethylsiloxane	0.3	13	196.2	A
Grape, wine	simazine	891.13	2	192.0	A
Grape, wine	sodium hydroxide	21.06	20	141.76	A
Grape, wine	sodium polyacrylate	0.05	2	126.8	A
Grape, wine	sodium xylene sulfonate	21.25	17	526.78	A
Grape, wine	sorbitol	6.43	13	110.05	A
Grape, wine	spinosad	0.22	1	3.47	A
Grape, wine	spirotetramat	151.81	32	1,648.88	A
Grape, wine	strychnine	1.22	5	82.4	A
Grape, wine	sulfur	379,543.47	2,091	57,384.29	A
Grape, wine	tall oil	6.91	13	525.03	A
Grape, wine	tall oil fatty acids	178.63	67	1,180.96	A
Grape, wine	tebuconazole	248.93	102	2,347.05	A
Grape, wine	tetraconazole	47.3	43	1,181.76	A
Grape, wine	thiamethoxam	4.0	1	48.82	A
Grape, wine	thiophanate-methyl	204.16	11	328.77	A
Grape, wine	trifloxystrobin	23.96	12	242.79	A
Grape, wine	triflumizole	404.54	65	1,900.29	A
Grape, wine	urea	0.86	1	7.5	A
Grape, wine	vinyl polymer	0.14	2	25.33	A
Grape, wine	xanthan gum	6.42	13	110.05	A
Grape, wine	zinc phosphide	21.37	14	360.21	A
Grape, wine	ziram	1,234.24	10	406.0	A
Landscape maintenance	2,4-d, 2-ethylhexyl ester	0.74	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	alkyl (c8,c10) polyglucoside	0.12	N/A	N/A	N/A
Landscape maintenance	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	13.12	N/A	N/A	N/A
Landscape maintenance	alpha-undecyl-omega-hydroxypoly(oxyethylene)	0.13	N/A	N/A	N/A
Landscape maintenance	aminopyralid, triisopropanolamine salt	0.01	N/A	N/A	N/A
Landscape maintenance	ammonium sulfate	0.3	N/A	N/A	N/A
Landscape maintenance	beta-cyfluthrin	0.53	N/A	N/A	N/A
Landscape maintenance	boric acid	5.55	N/A	N/A	N/A
Landscape maintenance	bromethalin	<0.01	N/A	N/A	N/A
Landscape maintenance	carfentrazone-ethyl	0.02	N/A	N/A	N/A
Landscape maintenance	chlorsulfuron	0.22	N/A	N/A	N/A
Landscape maintenance	deltamethrin	3.92	N/A	N/A	N/A
Landscape maintenance	dicamba	0.04	N/A	N/A	N/A
Landscape maintenance	dikegulac sodium	0.22	N/A	N/A	N/A
Landscape maintenance	diphacinone	<0.01	N/A	N/A	N/A
Landscape maintenance	dithiopyr	294.07	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	ethephon	0.06	N/A	N/A	N/A
Landscape maintenance	fipronil	<0.01	N/A	N/A	N/A
Landscape maintenance	flumioxazin	1.93	N/A	N/A	N/A
Landscape maintenance	glufosinate-ammonium	26.01	N/A	N/A	N/A
Landscape maintenance	glyphosate, isopropylamine salt	6.25	1	2.0	A
Landscape maintenance	glyphosate, isopropylamine salt	176.96	N/A	N/A	N/A
Landscape maintenance	glyphosate, potassium salt	71.2	N/A	N/A	N/A
Landscape maintenance	imidacloprid	1.06	N/A	N/A	N/A
Landscape maintenance	indaziflam	0.04	N/A	N/A	N/A
Landscape maintenance	indoxacarb	<0.01	N/A	N/A	N/A
Landscape maintenance	iron phosphate	11.54	N/A	N/A	N/A
Landscape maintenance	isoxaben	3.66	N/A	N/A	N/A
Landscape maintenance	lecithin	0.25	N/A	N/A	N/A
Landscape maintenance	mecoprop-p	0.15	N/A	N/A	N/A
Landscape maintenance	methylated soybean oil	118.2	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	oxadiazon	1.0	N/A	N/A	N/A
Landscape maintenance	triclopyr choline	1.48	N/A	N/A	N/A
Landscape maintenance	triclopyr, triethylamine salt	56.4	N/A	N/A	N/A
Landscape maintenance	trifluralin	1.66	N/A	N/A	N/A
Lumber, treated	2-methyl-4-isothiazolin-3-one	15,404.79	N/A	8,044.18	K
Lumber, treated	3-iodo-2-propynyl butylcarbamate	1,400.94	N/A	6,624.77	K
Lumber, treated	5-chloro-2-methyl-4-isothiazolin-3-one	43,299.96	N/A	8,044.18	K
Lumber, treated	copper ethanolamine complexes, mixed	1,253,279.56	N/A	8,044.18	K
Lumber, treated	diiodomethyl p-tolyl sulfone	382.07	N/A	6,624.77	K
Lumber, treated	octhilinone	140,482.67	N/A	8,044.18	K
Lumber, treated	propiconazole	10,309.4	N/A	14,668.95	K
Lumber, treated	tebuconazole	8,908.46	N/A	8,044.18	K
N-grnhs plants in containers	(s)-kinoprene	0.11	2	17,700.0	S
N-grnhs plants in containers	abamectin	<0.01	3	2,050.0	S
N-grnhs plants in containers	acetamiprid	0.12	2	34,000.0	S
N-grnhs plants in containers	chlormequat chloride	0.06	19	6,597.0	S
N-grnhs plants in containers	daminozide	1.12	42	20,250.0	S
N-grnhs plants in containers	dinotefuran	0.28	3	51,000.0	S
N-grnhs plants in containers	imidacloprid	0.17	9	3,050.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs plants in containers	mefenoxam	0.25	21	11,120.0	S
N-grnhs plants in containers	metaldehyde	0.02	40	516.84	S
N-grnhs plants in containers	potash soap	0.18	39	277.29	S
N-grnhs plants in containers	spinosad	0.26	5	52,350.0	S
N-outdr plants in containers	iba	<0.01	15	0.75	A
N-outdr plants in containers	iba	<0.01	2	300.0	U
N-outdr plants in containers	metaldehyde	0.06	76	1,929.3	S
Oat	2,4-d, dimethylamine salt	9.27	1	17.0	A
Olive	copper hydroxide	2.04	2	3.5	A
Olive	copper oxychloride	2.26	2	3.5	A
Olive	flumioxazin	0.77	1	2.0	A
Olive	glufosinate-ammonium	0.2	1	0.2	A
Olive	glyphosate, isopropylamine salt	4.35	2	2.2	A
Olive	pyraflufen-ethyl	0.01	1	2.0	A
Olive	spinosad	0.01	5	10.0	A
Olive	sulfur	1.6	1	0.5	A
Pastureland	2,4-d, dimethylamine salt	20.17	3	37.0	A
Peach	alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	0.58	1	1.0	A
Peach	boscalid	0.17	1	1.0	A
Peach	copper hydroxide	16.76	11	8.25	A
Peach	copper oxychloride	13.4	9	6.25	A
Peach	glufosinate-ammonium	0.91	1	0.8	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Peach	methoxyfenozide	1.13	2	4.0	A
Peach	mineral oil	17.59	2	0.75	A
Peach	petroleum oil, unclassified	2.2	2	0.75	A
Peach	pyraclostrobin	0.08	1	1.0	A
Peach	sulfur	16.0	1	2.0	A
Peach	thiophanate-methyl	1.05	1	1.0	A
Pear	2,4-d, dimethylamine salt	89.06	1	60.0	A
Pear	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	122.01	17	724.0	A
Pear	abamectin	23.64	30	1,126.5	A
Pear	alkyl (c8,c10) polyglucoside	35.27	10	149.6	A
Pear	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	49.32	9	459.7	A
Pear	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	8.42	1	35.0	A
Pear	alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	2.1	1	14.55	A
Pear	ammonium nitrate	12.64	6	125.9	A
Pear	ammonium sulfate	112.64	14	273.7	A
Pear	bifenazate	38.5	4	87.0	A
Pear	chlorantraniliprole	24.63	6	266.0	A
Pear	citric acid	1.89	1	60.0	A
Pear	copper hydroxide	848.74	23	498.0	A
Pear	copper oxide (ous)	44.47	5	53.0	A
Pear	copper oxychloride	746.08	16	366.5	A
Pear	copper sulfate (basic)	100.43	1	150.0	A
Pear	cyantraniliprole	20.9	3	208.0	A
Pear	cyflumetofen	124.29	21	675.0	A
Pear	cyprodinil	120.45	24	947.0	A
Pear	diazinon	187.5	1	150.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pear	difenoconazole	14.05	10	537.0	A
Pear	diflubenzuron	8.72	1	46.0	A
Pear	dimethylpolysiloxane	0.03	7	120.0	A
Pear	diuron	143.94	1	60.0	A
Pear	e,e-8,10-dodecadien-1-ol	52.74	13	528.5	A
Pear	e-8-dodecenyl acetate	1.9	5	311.0	A
Pear	esfenvalerate	27.53	10	493.0	A
Pear	etoxazole	56.45	11	418.0	A
Pear	fatty acids, mixed	1.84	8	309.7	A
Pear	flumioxazin	45.84	7	223.0	A
Pear	glufosinate-ammonium	267.85	14	285.15	A
Pear	glycerol	10.35	1	60.0	A
Pear	glyphosate, isopropylamine salt	426.66	10	435.75	A
Pear	glyphosate, potassium salt	1,162.53	31	793.6	A
Pear	indaziflam	13.17	16	226.35	A
Pear	kasugamycin hydrochloride	78.84	24	888.0	A
Pear	lambda-cyhalothrin	3.69	1	100.0	A
Pear	lauryl alcohol	17.65	12	378.5	A
Pear	lecithin	42.96	8	309.7	A
Pear	lime-sulfur	2,330.8	3	77.0	A
Pear	mancozeb	7,345.55	55	1,880.5	A
Pear	methoxyfenozide	173.5	19	700.5	A
Pear	mineral oil	84,451.11	92	3,681.5	A
Pear	modified phthalic glycerol alkyd resin	7.89	1	40.0	A
Pear	myristyl alcohol	3.59	12	378.5	A
Pear	n6-benzyl adenine	5.43	3	145.0	A
Pear	naa, ammonium salt	13.42	3	150.0	A
Pear	naa, potassium salt	101.85	29	964.0	A
Pear	oxyfluorfen	164.38	14	410.9	A
Pear	oxytetracycline hydrochloride	300.36	57	1,814.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pear	oxytetracycline hydrochloride, other related	2.77	57	1,814.0	A
Pear	oxytetracycline, calcium complex	227.6	20	1,591.0	A
Pear	phosphoric acid	3.21	1	60.0	A
Pear	polyacrylamide polymer	1.04	1	60.0	A
Pear	polyalkyleneoxide modified polydimethylsiloxane	0.08	1	70.0	A
Pear	polyethylene glycol	9.45	1	150.0	A
Pear	polypropylene glycol	0.3	1	70.0	A
Pear	propionic acid	42.96	8	309.7	A
Pear	pyraflufen-ethyl	0.09	2	30.55	A
Pear	rimsulfuron	10.54	14	324.15	A
Pear	silica filled polydimethylsiloxane	0.36	1	70.0	A
Pear	simazine	180.23	1	60.0	A
Pear	sodium hydroxide	5.67	1	60.0	A
Pear	spinetoram	48.3	12	441.5	A
Pear	spinosad	3.19	2	56.5	A
Pear	streptomycin sulfate	623.48	81	3,207.0	A
Pear	sulfur	7,017.2	19	805.5	A
Pear	tall oil fatty acids	9.45	1	150.0	A
Pear	z-8-dodecenol	0.32	5	311.0	A
Pear	z-8-dodecenyl acetate	29.54	5	311.0	A
Pear	ziram	7,448.76	47	1,633.5	A
Pumpkin	ammonium sulfate	9.43	1	5.0	A
Pumpkin	dimethylpolysiloxane	0.01	1	5.0	A
Pumpkin	glyphosate, potassium salt	13.79	1	5.0	A
Pumpkin	sethoxydim	1.31	1	5.0	A
Rangeland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	1.26	8	7.0	A
Rangeland	aminopyralid, triisopropanolamine salt	1.05	6	6.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rangeland	dimethylpolysiloxane	0.01	8	7.0	A
Rangeland	glyphosate, potassium salt	4.74	6	6.0	A
Rangeland	isopropyl alcohol	0.11	8	7.0	A
Rangeland	oryzalin	1.4	2	1.0	A
Rangeland	oxyfluorfen	0.4	2	1.0	A
Rangeland	polyethylene glycol	0.69	8	7.0	A
Rights of way	alkyl (c8,c10) polyglucoside	5.34	N/A	N/A	N/A
Rights of way	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	0.03	1	0.5	A
Rights of way	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	6.31	N/A	N/A	N/A
Rights of way	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	96.52	N/A	N/A	N/A
Rights of way	alpha-undecyl-omega-hydroxypoly(oxyethylene)	3.37	N/A	N/A	N/A
Rights of way	aminopyralid, triisopropanolamine salt	2.64	N/A	N/A	N/A
Rights of way	ammonium nitrate	2.54	N/A	N/A	N/A
Rights of way	ammonium sulfate	0.12	1	0.5	A
Rights of way	ammonium sulfate	5.08	N/A	N/A	N/A
Rights of way	borax	362.86	N/A	N/A	N/A
Rights of way	butyl alcohol	0.55	N/A	N/A	N/A
Rights of way	butyl lactate	0.41	N/A	N/A	N/A
Rights of way	chlorsulfuron	0.4	N/A	N/A	N/A
Rights of way	citric acid	0.02	1	0.5	A
Rights of way	citric acid	0.13	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	25.86	N/A	N/A	N/A
Rights of way	copper triethanolamine complex	454.27	N/A	N/A	N/A
Rights of way	diethylene glycol	0.01	N/A	N/A	N/A
Rights of way	dimethylpolysiloxane	0.02	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	fatty acids, methyl esters	0.43	1	0.5	A
Rights of way	fatty acids, mixed	0.02	N/A	N/A	N/A
Rights of way	flumioxazin	0.6	1	13.0	A
Rights of way	flumioxazin	1.15	N/A	N/A	N/A
Rights of way	glufosinate-ammonium	5.19	N/A	N/A	N/A
Rights of way	glycerol	0.09	1	0.5	A
Rights of way	glyphosate, dimethylamine salt	76.79	N/A	N/A	N/A
Rights of way	glyphosate, isopropylamine salt	12.0	2	6.0	A
Rights of way	glyphosate, isopropylamine salt	100.24	N/A	N/A	N/A
Rights of way	glyphosate, potassium salt	65.92	3	27.5	A
Rights of way	imazamox, ammonium salt	3.18	N/A	N/A	N/A
Rights of way	imazapyr, isopropylamine salt	67.15	N/A	N/A	N/A
Rights of way	indaziflam	1.3	N/A	N/A	N/A
Rights of way	isopropyl alcohol	0.16	N/A	N/A	N/A
Rights of way	lecithin	6.69	N/A	N/A	N/A
Rights of way	metam-sodium	76.3	N/A	N/A	N/A
Rights of way	methylated soybean oil	872.06	N/A	N/A	N/A
Rights of way	oleic acid, ethyl ester	19.73	N/A	N/A	N/A
Rights of way	oryzalin	8.0	N/A	N/A	N/A
Rights of way	oxyfluorfen	1.82	N/A	N/A	N/A
Rights of way	phosphoric acid	0.03	1	0.5	A
Rights of way	polyacrylamide polymer	0.01	1	0.5	A
Rights of way	polyethylene glycol	0.99	N/A	N/A	N/A
Rights of way	polyethylene glycol stearate	0.43	N/A	N/A	N/A
Rights of way	polyoxyethylene dioleate	3.15	N/A	N/A	N/A
Rights of way	polyoxyethylene polyol fatty acid esters	0.61	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	0.9	N/A	N/A	N/A
Rights of way	pyraflufen-ethyl	<0.01	1	1.0	A
Rights of way	rimsulfuron	0.36	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	simazine	4.0	1	1.0	A
Rights of way	sodium dioctylsulfosuccinate	<0.01	N/A	N/A	N/A
Rights of way	sodium hydroxide	0.05	1	0.5	A
Rights of way	sulfentrazone	38.59	N/A	N/A	N/A
Rights of way	sulfometuron-methyl	0.98	N/A	N/A	N/A
Rights of way	triclopyr choline	1.46	1	0.5	A
Rights of way	triclopyr choline	9.84	N/A	N/A	N/A
Rights of way	triclopyr, butoxyethyl ester	0.17	N/A	N/A	N/A
Rights of way	triclopyr, triethylamine salt	159.78	N/A	N/A	N/A
Rights of way	vinyl ester polymer	0.4	N/A	N/A	N/A
Storage area/box	sulfur dioxide	99.99	N/A	123.0	U
Strawberry	cyflumetofen	0.75	1	5.0	A
Structural pest control	4-aminopyridine	0.07	N/A	N/A	N/A
Structural pest control	abamectin	0.02	N/A	N/A	N/A
Structural pest control	abamectin, other related	<0.01	N/A	N/A	N/A
Structural pest control	acephate	0.63	N/A	N/A	N/A
Structural pest control	acetamiprid	0.01	N/A	N/A	N/A
Structural pest control	alpha-cypermethrin	2.65	N/A	N/A	N/A
Structural pest control	beta-cyfluthrin	4.36	N/A	N/A	N/A
Structural pest control	bifenthrin	31.77	N/A	N/A	N/A
Structural pest control	borax	1.95	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	boric acid	13.53	N/A	N/A	N/A
Structural pest control	bromadiolone	<0.01	N/A	N/A	N/A
Structural pest control	bromethalin	0.04	N/A	N/A	N/A
Structural pest control	chlorantraniliprole	1.11	N/A	N/A	N/A
Structural pest control	chlorfenapyr	3.91	N/A	N/A	N/A
Structural pest control	chlorophacinone	<0.01	N/A	N/A	N/A
Structural pest control	cholecalciferol	0.76	N/A	N/A	N/A
Structural pest control	clothianidin	<0.01	N/A	N/A	N/A
Structural pest control	copper naphthenate	1.44	N/A	N/A	N/A
Structural pest control	cyfluthrin	0.01	N/A	N/A	N/A
Structural pest control	cypermethrin	86.25	N/A	N/A	N/A
Structural pest control	d-trans allethrin	0.03	N/A	N/A	N/A
Structural pest control	deltamethrin	27.41	N/A	N/A	N/A
Structural pest control	difethialone	<0.01	N/A	N/A	N/A
Structural pest control	dinotefuran	7.19	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	diphacinone	0.03	N/A	N/A	N/A
Structural pest control	diphacinone, sodium salt	<0.01	N/A	N/A	N/A
Structural pest control	disodium octaborate tetrahydrate	4,075.86	N/A	N/A	N/A
Structural pest control	esfenvalerate	1.49	N/A	N/A	N/A
Structural pest control	etofenprox	0.21	N/A	N/A	N/A
Structural pest control	fipronil	109.36	N/A	N/A	N/A
Structural pest control	gamma-cyhalothrin	<0.01	N/A	N/A	N/A
Structural pest control	hydramethylnon	0.03	N/A	N/A	N/A
Structural pest control	hydroprene	1.35	N/A	N/A	N/A
Structural pest control	imidacloprid	28.07	N/A	N/A	N/A
Structural pest control	indoxacarb	4.72	N/A	N/A	N/A
Structural pest control	lambda-cyhalothrin	1.15	N/A	N/A	N/A
Structural pest control	limonene	27.39	N/A	N/A	N/A
Structural pest control	methoprene	<0.01	N/A	N/A	N/A
Structural pest control	muscalure	<0.01	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	n-octyl bicycloheptene dicarboximide	0.56	N/A	N/A	N/A
Structural pest control	novaluron	0.02	N/A	N/A	N/A
Structural pest control	permethrin	11.5	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	35.53	N/A	N/A	N/A
Structural pest control	piperonyl butoxide, other related	7.63	N/A	N/A	N/A
Structural pest control	prallethrin	0.36	N/A	N/A	N/A
Structural pest control	pyrethrins	4.15	N/A	N/A	N/A
Structural pest control	pyriproxyfen	0.09	N/A	N/A	N/A
Structural pest control	s-methoprene	0.01	N/A	N/A	N/A
Structural pest control	silica aerogel	0.03	N/A	N/A	N/A
Structural pest control	sodium decyl sulfate	0.44	N/A	N/A	N/A
Structural pest control	sodium lauroampho acetate	0.33	N/A	N/A	N/A
Structural pest control	sodium lauryl sulfate	0.22	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	sulfuryl fluoride	2,741.76	N/A	N/A	N/A
Structural pest control	tetramethrin	<0.01	N/A	N/A	N/A
Structural pest control	thiamethoxam	0.96	N/A	N/A	N/A
Structural pest control	thyme	0.03	N/A	N/A	N/A
Structural pest control	zeta-cypermethrin	0.03	N/A	N/A	N/A
Turf/sod	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	0.99	N/A	2.0	A
Turf/sod	azoxystrobin	1.47	N/A	3.0	A
Turf/sod	azoxystrobin	0.93	N/A	150,000.0	S
Turf/sod	carfentrazone-ethyl	0.32	N/A	3.0	A
Turf/sod	chlorantraniliprole	0.55	N/A	2.0	A
Turf/sod	chlorothalonil	12.99	N/A	1.0	A
Turf/sod	chlorothalonil	13.47	N/A	150,000.0	S
Turf/sod	clopyralid, monoethanolamine salt	0.31	N/A	1.0	A
Turf/sod	fludioxonil	0.18	N/A	75,000.0	S
Turf/sod	glyphosate, isopropylamine salt	0.37	N/A	1.0	U
Turf/sod	iprodione	2.89	N/A	75,000.0	S
Turf/sod	isopropyl alcohol	0.29	N/A	2.0	A
Turf/sod	mineral oil	57.53	N/A	300,000.0	S
Turf/sod	pcnb	24.98	N/A	1.0	A
Turf/sod	propiconazole	5.0	N/A	4.0	A
Turf/sod	propiconazole	2.95	N/A	225,000.0	S
Turf/sod	tall oil	0.08	N/A	2.0	A
Turf/sod	thiophanate-methyl	2.89	N/A	75,000.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Uncultivated non-ag	glyphosate, potassium salt	22.76	1	28.0	A
Vertebrate control	diphacinone	<0.01	N/A	N/A	N/A
Vertebrate control	diphacinone, sodium salt	<0.01	N/A	N/A	N/A
Water area	acid blue 9, diammonium salt	4.65	1	304.92	K
Water area	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	<0.01	1	1.0	A
Water area	ammonium nitrate	<0.01	1	1.0	A
Water area	ammonium sulfate	0.01	1	1.0	A
Water area	copper ethylenediamine complex	6.71	1	1.0	A
Water area	copper sulfate (pentahydrate)	99.0	1	0.5	A
Water area	copper triethanolamine complex	7.57	1	1.0	A
Water area	diquat dibromide	2.8	2	3.0	A
Water area	fluridone	0.2	1	0.25	A
Water area	glyphosate, isopropylamine salt	0.4	1	1.0	A
Water area	tartrazine	0.38	1	304.92	K