

2019 Annual Statewide Pesticide Use Report Indexed by Commodity MODOC County

Text files of data are available at <<https://files.cdpr.ca.gov/pub/outgoing/pur/data/>>. Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit, Apps = Number of agricultural applications, Area treated = cumulative area treated (For example, if a one-acre field was treated three times in a year, the cumulative acres treated would equal three acres), N/A = Not Available: many non-agricultural pesticide use reports are not legally required to report area treated or number of applications. N-outdoor = Outdoor nursery. N-grnhs = Greenhouse nursery. See Pesticide Use Annual Report Data Access, References, and Definitions Guide for more information.

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Alfalfa	acrylamide/sodium acrylate copolymer	0.75	1	104.0	A
Alfalfa	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	35.04	12	996.2	A
Alfalfa	alpha-alkyl (c10-c14)-omega-hydroxypoly(oxyethylene)	7.32	2	92.0	A
Alfalfa	alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	7.31	1	170.0	A
Alfalfa	alpha-alkyl (c12-c16)-omega-hydroxypoly(oxyethylene)	0.91	2	92.0	A
Alfalfa	alkyl (c8,c10) polyglucoside	122.92	23	1,220.0	A
Alfalfa	ammonium nitrate	376.05	23	1,220.0	A
Alfalfa	ammonium sulfate	63.06	13	846.0	A
Alfalfa	benzoic acid	334.34	263	18,897.4	A
Alfalfa	2-butoxyethanol	0.17	1	70.0	A
Alfalfa	butyl lactate	418.46	238	17,815.4	A
Alfalfa	citric acid	70.06	62	4,881.54	A
Alfalfa	clethodim	204.5	15	860.0	A
Alfalfa	beta-cyfluthrin	2.21	3	207.0	A
Alfalfa	2,4-d, dimethylamine salt	316.07	4	300.0	A
Alfalfa	4-(2,4-db), dimethylamine salt	1,970.67	39	2,807.0	A
Alfalfa	decyl phenoxy benzene disulfonic acid, disodium salt	0.84	3	240.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Alfalfa	diglycolamine salt of 3,6-dichloro-o-anisic acid	12.08	2	95.0	A
Alfalfa	dimethoate	22.9	8	488.6	A
Alfalfa	dimethyl alkyl tertiary amines	365.35	263	18,897.4	A
Alfalfa	dimethyl dicocoalkyl ammonium salt with naphthalenesulfonic acid, formaldehyde condensate	8.97	6	437.0	A
Alfalfa	dimethylpolysiloxane	0.02	3	140.0	A
Alfalfa	diuron	40.04	1	75.0	A
Alfalfa	flupyradifurone	205.04	40	2,214.33	A
Alfalfa	glyphosate, isopropylamine salt	185.03	2	180.0	A
Alfalfa	glyphosate, potassium salt	5,402.99	49	4,116.94	A
Alfalfa	hexazinone	997.86	25	1,797.65	A
Alfalfa	imazamox, ammonium salt	18.78	7	425.0	A
Alfalfa	imazethapyr, ammonium salt	224.2	39	2,451.0	A
Alfalfa	indoxacarb	271.5	42	3,888.08	A
Alfalfa	isoparaffinic hydrocarbons	4.32	1	70.0	A
Alfalfa	isopropylamine dodecylbenzene sulfonate	0.17	1	70.0	A
Alfalfa	lambda-cyhalothrin	35.04	16	1,137.6	A
Alfalfa	limonene	3.45	1	70.0	A
Alfalfa	mcpa, dimethylamine salt	42.63	1	77.0	A
Alfalfa	methylated soybean oil	15,198.05	306	21,404.4	A
Alfalfa	metribuzin	5,036.01	122	8,639.1	A
Alfalfa	mineral oil	293.97	11	507.0	A
Alfalfa	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	30.78	3	262.0	A
Alfalfa	alpha-octylphenyl-omega-hydroxypoly(oxyethylene)	0.43	1	70.0	A
Alfalfa	oil of orange	0.09	1	70.0	A
Alfalfa	paraquat dichloride	5,393.21	122	8,488.95	A
Alfalfa	petroleum distillates, aliphatic	0.04	1	104.0	A
Alfalfa	petroleum naphthenic oils	0.52	1	104.0	A
Alfalfa	phosphoric acid	8.82	7	466.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Alfalfa	polyacrylic polymer	0.8	7	466.0	A
Alfalfa	polyethoxylated castor oil	114.42	20	1,080.0	A
Alfalfa	polyethylene glycol oleate	20.78	6	437.0	A
Alfalfa	polyoxyethylene polyol fatty acid esters	306.76	50	4,083.54	A
Alfalfa	poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	11.74	20	1,080.0	A
Alfalfa	polyoxyethylene sorbitan monolaurate	1,857.44	188	13,731.86	A
Alfalfa	polysorbate 65	25.94	11	507.0	A
Alfalfa	saflufenacil	55.05	21	1,603.2	A
Alfalfa	silica filled polydimethylsiloxane	1.06	188	13,731.86	A
Alfalfa	sorbitan trioleate	25.94	11	507.0	A
Alfalfa	strychnine	0.47	6	62.0	A
Alfalfa	tall oil fatty acids	79.21	20	1,080.0	A
Alfalfa	zinc phosphide	48.01	21	734.0	A
Barley	azoxystrobin	33.55	7	376.0	A
Barley	benzoic acid	7.53	30	1,707.0	A
Barley	bromoxynil octanoate	44.77	3	101.0	A
Barley	butyl lactate	26.87	28	1,642.0	A
Barley	citric acid	1.39	5	304.0	A
Barley	2,4-d, dimethylamine salt	967.67	21	1,195.0	A
Barley	diglycolamine salt of 3,6-dichloro-o-anisic acid	69.83	17	954.0	A
Barley	dimethyl alkyl tertiary amines	8.23	30	1,707.0	A
Barley	fluroxypyr, 1-methylheptyl ester	17.71	3	101.0	A
Barley	mcpa, dimethylamine salt	138.46	5	277.0	A
Barley	mcpa, 2-ethyl hexyl ester	47.97	3	101.0	A
Barley	methylated soybean oil	288.02	30	1,707.0	A
Barley	pinoxaden	10.25	5	206.0	A
Barley	polyacrylamide, polyethylene glycol mixture	0.23	2	72.0	A
Barley	polyoxyethylene polyol fatty acid esters	6.44	5	304.0	A
Barley	polyoxyethylene sorbitan monolaurate	198.04	23	1,338.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Barley	propiconazole	29.08	7	376.0	A
Barley	silica filled polydimethylsiloxane	0.11	23	1,338.0	A
Barley	tribenuron-methyl	2.93	7	396.0	A
Commodity fumigation	aluminum phosphide	467.5	N/A	N/A	N/A
Forage hay/silage	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	2.62	2	78.0	A
Forage hay/silage	alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	1.03	1	24.0	A
Forage hay/silage	alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	14.36	8	622.46	A
Forage hay/silage	alkyl (c8,c10) polyglucoside	7.49	2	68.0	A
Forage hay/silage	aminopyralid, triisopropanolamine salt	1.13	1	100.0	A
Forage hay/silage	ammonium nitrate	3.57	2	68.0	A
Forage hay/silage	ammonium sulfate	22.81	4	196.0	A
Forage hay/silage	aromatic 200	44.28	2	116.0	A
Forage hay/silage	benzoic acid	0.82	7	425.0	A
Forage hay/silage	n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	7.95	2	116.0	A
Forage hay/silage	butyl lactate	10.23	8	560.0	A
Forage hay/silage	chlorsulfuron	0.18	1	100.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Forage hay/silage	citric acid	0.88	2	128.0	A
Forage hay/silage	2,4-d	26.47	2	61.0	A
Forage hay/silage	2,4-d, dimethylamine salt	1,423.71	19	1,403.46	A
Forage hay/silage	2,4-d, 2-ethylhexyl ester	7.69	1	100.0	A
Forage hay/silage	dicamba, dimethylamine salt	425.79	15	931.46	A
Forage hay/silage	diethylene glycol	5.43	1	100.0	A
Forage hay/silage	diflubenzuron	0.07	1	5.0	A
Forage hay/silage	diglycolamine salt of 3,6-dichloro-o-anisic acid	65.88	6	536.0	A
Forage hay/silage	dimethyl alkyl tertiary amines	0.89	7	425.0	A
Forage hay/silage	dimethylpolysiloxane	0.02	3	168.0	A
Forage hay/silage	fatty acids derived from tallow	5.74	8	622.46	A
Forage hay/silage	glyphosate, isopropylamine salt	360.06	3	179.0	A
Forage hay/silage	malathion	90.81	1	75.0	A
Forage hay/silage	mcpa, dimethylamine salt	98.0	4	165.0	A
Forage hay/silage	methylated soybean oil	94.29	11	669.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Forage hay/silage	metribuzin	102.09	5	219.1	A
Forage hay/silage	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	23.58	12	874.46	A
Forage hay/silage	phosphoric acid	4.85	2	128.0	A
Forage hay/silage	polyacrylamide, polyethylene glycol mixture	0.29	1	65.0	A
Forage hay/silage	polyacrylic polymer	0.44	2	128.0	A
Forage hay/silage	polyalkene oxide modified heptamethyl trisiloxane	0.94	2	128.0	A
Forage hay/silage	polyoxyethylene sorbitan monolaurate	89.94	8	560.0	A
Forage hay/silage	silica filled polydimethylsiloxane	0.05	8	560.0	A
Forage hay/silage	alpha-tridecyl-omega-hydroxypoly(oxyethanol) phosphate	17.03	2	116.0	A
Forest, timberland	aminopyralid, triisopropanolamine salt	2.26	3	88.3	A
Forest, timberland	borax	514.0	N/A	1,901.0	A
Forest, timberland	clopyralid, monoethanolamine salt	115.45	6	381.12	A
Forest, timberland	2,4-d, 2-ethylhexyl ester	303.74	1	179.88	A
Forest, timberland	disodium octaborate tetrahydrate	595.35	N/A	790.0	A
Forest, timberland	glyphosate, dimethylamine salt	2,894.64	27	2,377.24	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Forest, timberland	glyphosate, isopropylamine salt	587.0	6	334.11	A
Forest, timberland	hexazinone	729.0	2	324.1	A
Forest, timberland	imazapyr, isopropylamine salt	389.87	17	853.4	A
Forest, timberland	methylated soybean oil	5,144.57	37	2,979.53	A
Forest, timberland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	914.99	37	2,979.53	A
Forest, timberland	oxyfluorfen	409.85	3	278.12	A
Forest, timberland	penoxsulam	8.64	3	278.12	A
Forest, timberland	triclopyr, butoxyethyl ester	328.92	1	179.88	A
Forest, timberland	triclopyr, triethylamine salt	16.54	3	88.3	A
Garlic	alkyl (c8,c10) polyglucoside	23.0	3	131.0	A
Garlic	ammonium nitrate	18.25	3	131.0	A
Garlic	ammonium sulfate	19.66	2	86.0	A
Garlic	azoxystrobin	17.67	3	85.0	A
Garlic	benzoic acid	1.67	12	368.0	A
Garlic	bromoxynil octanoate	43.43	7	189.0	A
Garlic	butyl lactate	6.52	4	138.0	A
Garlic	citric acid	1.55	2	79.0	A
Garlic	clethodim	22.01	3	103.0	A
Garlic	dimethenamid-p	115.72	5	140.0	A
Garlic	dimethyl alkyl tertiary amines	1.82	12	368.0	A
Garlic	dimethylpolysiloxane	0.02	2	86.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Garlic	fluazifop-p-butyl	10.81	1	43.0	A
Garlic	flumioxazin	7.49	2	79.0	A
Garlic	glyphosate, potassium salt	110.39	2	79.0	A
Garlic	methylated soybean oil	170.63	15	499.0	A
Garlic	oxyfluorfen	4.03	2	91.0	A
Garlic	pendimethalin	163.71	8	259.0	A
Garlic	penthopyrad	5.98	1	46.0	A
Garlic	polyethoxylated castor oil	2.63	1	45.0	A
Garlic	polyoxyethylene polyol fatty acid esters	7.15	2	79.0	A
Garlic	poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	0.27	1	45.0	A
Garlic	polyoxyethylene sorbitan monolaurate	14.8	2	59.0	A
Garlic	silica filled polydimethylsiloxane	0.01	2	59.0	A
Garlic	tall oil fatty acids	1.82	1	45.0	A
Garlic	tebuconazole	12.56	1	46.0	A
Golf course turf	ammonium sulfate	98.16	N/A	100.0	A
Golf course turf	citric acid	5.5	N/A	100.0	A
Golf course turf	2,4-d, dimethylamine salt	112.79	N/A	100.0	A
Golf course turf	phosphoric acid	30.38	N/A	100.0	A
Golf course turf	polyacrylic polymer	2.75	N/A	100.0	A
Horseradish	alkyl (c8,c10) polyglucoside	2.74	1	31.0	A
Horseradish	ammonium nitrate	9.83	1	31.0	A
Horseradish	benzoic acid	0.72	4	170.0	A
Horseradish	butyl lactate	6.57	3	139.0	A
Horseradish	citric acid	1.52	2	92.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Horseradish	clethodim	4.31	1	31.0	A
Horseradish	dimethyl alkyl tertiary amines	0.79	4	170.0	A
Horseradish	glyphosate, potassium salt	110.33	2	92.0	A
Horseradish	linuron	91.23	2	86.0	A
Horseradish	methylated soybean oil	35.81	5	201.0	A
Horseradish	oxyfluorfen	23.37	4	263.7	A
Horseradish	penthiopyrad	86.56	5	320.0	A
Horseradish	polyethoxylated castor oil	3.07	1	31.0	A
Horseradish	polyoxyethylene polyol fatty acid esters	7.02	2	92.0	A
Horseradish	poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	0.31	1	31.0	A
Horseradish	polyoxyethylene sorbitan monolaurate	16.0	1	47.0	A
Horseradish	silica filled polydimethylsiloxane	0.01	1	47.0	A
Horseradish	tall oil fatty acids	2.13	1	31.0	A
Landscape maintenance	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	0.95	N/A	N/A	N/A
Landscape maintenance	bromacil	2.4	N/A	N/A	N/A
Landscape maintenance	bromoxynil octanoate	2.13	N/A	N/A	N/A
Landscape maintenance	2,4-d, dimethylamine salt	72.98	N/A	N/A	N/A
Landscape maintenance	4-(2,4-db), dimethylamine salt	3.51	N/A	N/A	N/A
Landscape maintenance	diuron	2.4	N/A	N/A	N/A
Landscape maintenance	glyphosate, isopropylamine salt	20.0	N/A	N/A	N/A
Landscape maintenance	isopropylamine dodecylbenzene sulfonate	0.5	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	oxyfluorfen	2.44	N/A	N/A	N/A
Landscape maintenance	pendimethalin	17.94	N/A	N/A	N/A
Landscape maintenance	penoxsulam	0.05	N/A	N/A	N/A
Landscape maintenance	petroleum oil, paraffin based	82.11	N/A	N/A	N/A
Landscape maintenance	polyoxyethylene sorbitan monooleate	2.02	N/A	N/A	N/A
Landscape maintenance	polyoxyethylene sorbitan trioleate	13.29	N/A	N/A	N/A
Mint	abamectin	1.56	2	158.0	A
Mint	alkyl (c8,c10) polyglucoside	100.21	18	1,309.5	A
Mint	ammonium nitrate	359.37	18	1,309.5	A
Mint	azoxystrobin	36.39	2	145.0	A
Mint	bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	340.2	6	365.0	A
Mint	benzoic acid	9.46	34	2,425.5	A
Mint	bifenazate	112.66	2	158.0	A
Mint	burkholderia sp strain a396 cells and fermentation media	813.6	2	150.0	A
Mint	butyl lactate	37.36	16	1,116.0	A
Mint	calcium chloride	3.36	1	55.0	A
Mint	capric acid	237.53	1	55.0	A
Mint	caprylic acid	348.87	1	55.0	A
Mint	carfentrazone-ethyl	8.25	4	296.0	A
Mint	chlorantraniliprole	13.89	3	226.0	A
Mint	citric acid	9.33	1	55.0	A
Mint	clethodim	279.74	14	1,013.5	A
Mint	clopyralid, monoethanolamine salt	32.92	2	158.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Mint	dimethyl alkyl tertiary amines	10.33	34	2,425.5	A
Mint	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	10.81	1	55.0	A
Mint	methylated soybean oil	660.97	52	3,735.0	A
Mint	oxyfluorfen	282.12	12	819.0	A
Mint	polyethoxylated castor oil	112.3	18	1,309.5	A
Mint	poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	11.52	18	1,309.5	A
Mint	polyoxyethylene sorbitan monolaurate	328.55	16	1,116.0	A
Mint	silica filled polydimethylsiloxane	0.19	16	1,116.0	A
Mint	sulfentrazone	112.24	5	342.0	A
Mint	tall oil fatty acids	77.75	18	1,309.5	A
Onion, dry	azoxystrobin	245.67	20	1,415.0	A
Onion, dry	benzoic acid	22.39	54	4,186.0	A
Onion, dry	bromoxynil octanoate	162.67	16	1,329.0	A
Onion, dry	butyl lactate	84.09	52	3,974.0	A
Onion, dry	chlorothalonil	1,154.75	14	1,049.0	A
Onion, dry	chlorpyrifos	141.97	4	311.0	A
Onion, dry	chlorthal-dimethyl	963.22	4	339.0	A
Onion, dry	citric acid	14.72	24	1,660.0	A
Onion, dry	clethodim	121.14	9	839.0	A
Onion, dry	copper hydroxide	367.3	4	283.0	A
Onion, dry	dimethenamid-p	502.66	13	1,118.0	A
Onion, dry	dimethyl alkyl tertiary amines	24.47	54	4,186.0	A
Onion, dry	glyphosate, potassium salt	1,267.96	22	1,448.0	A
Onion, dry	mancozeb	2,016.8	19	1,432.0	A
Onion, dry	mefenoxam	63.0	8	607.0	A
Onion, dry	methomyl	19.89	1	43.0	A
Onion, dry	methylated soybean oil	856.07	54	4,186.0	A
Onion, dry	oxyfluorfen	228.4	41	3,230.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Onion, dry	pendimethalin	1,209.27	30	2,157.0	A
Onion, dry	penthiopyrad	267.76	12	1,040.0	A
Onion, dry	polyoxyethylene polyol fatty acid esters	68.09	24	1,660.0	A
Onion, dry	polyoxyethylene sorbitan monolaurate	334.95	28	2,314.0	A
Onion, dry	silica filled polydimethylsiloxane	0.19	28	2,314.0	A
Onion, dry	spinetoram	79.9	20	1,609.0	A
Onion, dry	spirotetramat	159.56	27	2,048.0	A
Onion, dry	tebuconazole	310.58	13	884.0	A
Pastureland	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	1.27	1	73.0	A
Pastureland	benzoic acid	2.48	5	553.2	A
Pastureland	butyl lactate	2.96	4	253.2	A
Pastureland	2,4-d, dimethylamine salt	241.27	4	253.2	A
Pastureland	2,4-d, 2-ethylhexyl ester	799.93	1	300.0	A
Pastureland	diflubenzuron	1.13	1	73.0	A
Pastureland	diglycolamine salt of 3,6-dichloro-o-anisic acid	29.72	4	253.2	A
Pastureland	dimethyl alkyl tertiary amines	2.71	5	553.2	A
Pastureland	glyphosate, isopropylamine salt	28.0	3	23.0	A
Pastureland	methylated soybean oil	94.82	5	553.2	A
Pastureland	polyoxyethylene sorbitan monolaurate	26.01	4	253.2	A
Pastureland	silica filled polydimethylsiloxane	0.01	4	253.2	A
Potato	abamectin	7.18	9	583.0	A
Potato	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	14.03	9	532.5	A
Potato	alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	17.2	4	278.5	A
Potato	alkyl (c8,c10) polyglucoside	103.45	19	934.0	A
Potato	ammonium nitrate	371.0	19	934.0	A
Potato	azoxystrobin	95.36	10	599.0	A
Potato	benzoic acid	30.43	106	5,872.0	A
Potato	bifenthrin	47.75	9	583.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Potato	n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	0.68	1	37.0	A
Potato	n,n-bis-(2-(omega-hydroxypoly(oxyethylene)/poly(oxypropylene))ethyl)alkyl (c8-c18) amine	57.51	14	907.0	A
Potato	boscalid	300.73	19	1,347.02	A
Potato	burkholderia sp strain a396 cells and fermentation media	1,495.02	1	95.0	A
Potato	butyl lactate	38.33	50	2,726.0	A
Potato	chlorantraniliprole	6.01	3	150.0	A
Potato	chlorothalonil	2,440.69	44	2,657.0	A
Potato	chlorpropham	1,398.46	N/A	29,637.5	T
Potato	chromobacterium subtsugae strain praa4-1	147.0	3	239.0	A
Potato	citric acid	2.93	5	320.0	A
Potato	clethodim	16.8	1	63.0	A
Potato	copper hydroxide	2,484.84	42	2,624.02	A
Potato	copper oxychloride	71.25	1	95.0	A
Potato	beta-cyfluthrin	47.11	34	2,122.0	A
Potato	cymoxanil	65.79	10	608.02	A
Potato	3-decen-2-one	443.07	N/A	532.0	T
Potato	1,3-dichloropropene	6,376.14	1	39.0	A
Potato	dimethyl alkyl tertiary amines	33.25	106	5,872.0	A
Potato	1,4-dimethylnaphthalene	73.09	N/A	7,100.0	T
Potato	diquat dibromide	112.81	3	121.0	A
Potato	emulsifiable methylated vegetable oil	147.08	8	491.5	A
Potato	eptc	525.47	4	212.5	A
Potato	esfenvalerate	12.38	6	326.0	A
Potato	famoxadone	65.79	10	608.02	A
Potato	fatty acids, c16-18 and c18-unsaturated, branched and linear	0.95	2	130.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Potato	fluazinam	10.49	1	65.0	A
Potato	fluopyram	112.15	21	1,327.0	A
Potato	flutolanil	390.36	10	671.0	A
Potato	glufosinate-ammonium	455.44	24	1,244.0	A
Potato	glycerol	29.83	3	167.0	A
Potato	glyphosate, potassium salt	388.27	4	259.0	A
Potato	hydrogen peroxide	179.42	4	280.0	A
Potato	imidacloprid	253.99	44	2,731.0	A
Potato	alpha-isodecyl-omega-hydroxypoly(oxyethylene)	0.46	1	37.0	A
Potato	maleic hydrazide, potassium salt	1,609.32	8	470.0	A
Potato	mancozeb	442.53	7	298.0	A
Potato	mefenoxam	177.08	17	1,071.0	A
Potato	metam-sodium	37,249.91	5	305.0	A
Potato	methylated soybean oil	2,075.61	135	7,310.0	A
Potato	metribuzin	1,248.62	44	2,619.5	A
Potato	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	69.02	6	408.5	A
Potato	oxamyl	1,837.78	27	1,561.0	A
Potato	pendimethalin	472.63	7	428.5	A
Potato	penhiopyrad	1.97	1	63.0	A
Potato	peroxyacetic acid	8.74	3	210.0	A
Potato	polyether modified polysiloxane	7.52	8	491.5	A
Potato	polyethoxylated castor oil	115.94	19	934.0	A
Potato	polyoxyethylene polyol fatty acid esters	13.56	5	320.0	A
Potato	poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	21.48	33	1,841.0	A
Potato	polyoxyethylene sorbitan monolaurate	256.53	45	2,406.0	A
Potato	polyoxyethylene tall oil fatty acid ester	28.75	14	907.0	A
Potato	potassium phosphite	1,629.13	7	389.0	A
Potato	pyrimethanil	335.45	21	1,327.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Potato	reynoutria sachalinensis	41.94	5	406.0	A
Potato	rimsulfuron	80.75	65	3,995.0	A
Potato	silica filled polydimethylsiloxane	0.15	45	2,406.0	A
Potato	sodium diisooctylsulfosuccinate	0.47	2	130.0	A
Potato	sodium xylene sulfonate	3.07	2	130.0	A
Potato	spinosad	12.2	4	304.0	A
Potato	spirotetramat	16.81	4	214.0	A
Potato	tall oil fatty acids	161.91	33	1,841.0	A
Potato	alpha-tridecyl-omega-hydroxypoly(oxyethanol) phosphate	0.51	1	37.0	A
Potato	alpha-undecyl-omega-hydroxypoly(oxyethylene)	29.72	8	491.5	A
Potato	urea dihydrogen sulfate	1.51	1	37.0	A
Public health	permethrin	44.49	N/A	N/A	N/A
Public health	piperonyl butoxide	35.59	N/A	N/A	N/A
Public health	piperonyl butoxide, other related	8.9	N/A	N/A	N/A
Rangeland	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	0.53	1	24.0	A
Rangeland	aminopyralid, triisopropanolamine salt	7.4	1	24.0	A
Rangeland	benzoic acid	0.47	2	85.0	A
Rangeland	butyl lactate	2.33	2	85.0	A
Rangeland	citric acid	0.75	2	85.0	A
Rangeland	2,4-d, 2-ethylhexyl ester	49.23	1	24.0	A
Rangeland	diglycolamine salt of 3,6-dichloro-o-anisic acid	15.1	1	45.0	A
Rangeland	dimethyl alkyl tertiary amines	0.51	2	85.0	A
Rangeland	glyphosate, potassium salt	115.85	2	85.0	A
Rangeland	methylated soybean oil	17.95	2	85.0	A
Rangeland	mineral oil	4.21	1	24.0	A
Rangeland	polyoxyethylene polyol fatty acid esters	3.45	2	85.0	A
Regulatory pest control	abamectin	<0.01	N/A	N/A	N/A
Regulatory pest control	alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	3.08	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Regulatory pest control	aminopyralid, triisopropanolamine salt	0.96	N/A	N/A	N/A
Regulatory pest control	bromadiolone	<0.01	N/A	N/A	N/A
Regulatory pest control	chlorfenapyr	0.03	N/A	N/A	N/A
Regulatory pest control	chlorsulfuron	0.94	N/A	N/A	N/A
Regulatory pest control	beta-cyfluthrin	0.1	N/A	N/A	N/A
Regulatory pest control	cypermethrin	0.06	N/A	N/A	N/A
Regulatory pest control	2,4-d, dimethylamine salt	27.01	N/A	N/A	N/A
Regulatory pest control	deltamethrin	0.06	N/A	N/A	N/A
Regulatory pest control	difethialone	<0.01	N/A	N/A	N/A
Regulatory pest control	dinotefuran	<0.01	N/A	N/A	N/A
Regulatory pest control	esfenvalerate	<0.01	N/A	N/A	N/A
Regulatory pest control	fatty acids derived from tallow	1.23	N/A	N/A	N/A
Regulatory pest control	fipronil	0.84	N/A	N/A	N/A
Regulatory pest control	glyphosate, isopropylamine salt	16.14	N/A	N/A	N/A
Regulatory pest control	imidacloprid	0.19	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Regulatory pest control	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	3.08	N/A	N/A	N/A
Regulatory pest control	phenylethyl propionate	0.01	N/A	N/A	N/A
Regulatory pest control	piperonyl butoxide	<0.01	N/A	N/A	N/A
Regulatory pest control	prallethrin	<0.01	N/A	N/A	N/A
Regulatory pest control	pyrethrins	<0.01	N/A	N/A	N/A
Regulatory pest control	strychnine	2.66	N/A	N/A	N/A
Regulatory pest control	thiamethoxam	<0.01	N/A	N/A	N/A
Regulatory pest control	thyme	0.01	N/A	N/A	N/A
Rights of way	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	0.09	N/A	N/A	N/A
Rights of way	alpha-alkyl (c10-c14)-omega-hydroxypoly(oxyethylene)	36.6	N/A	N/A	N/A
Rights of way	alpha-alkyl (c12-c16)-omega-hydroxypoly(oxyethylene)	4.55	N/A	N/A	N/A
Rights of way	alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	6.16	N/A	N/A	N/A
Rights of way	alkyl (c8,c10) polyglucoside	34.1	N/A	N/A	N/A
Rights of way	aminocyclopyrachlor	39.67	N/A	N/A	N/A
Rights of way	aminopyralid, triisopropanolamine salt	2.08	1	25.0	A
Rights of way	aminopyralid, triisopropanolamine salt	240.53	N/A	N/A	N/A
Rights of way	ammonium nitrate	16.24	N/A	N/A	N/A
Rights of way	ammonium sulfate	339.01	N/A	N/A	N/A
Rights of way	bromacil	517.79	N/A	N/A	N/A
Rights of way	butyl lactate	1.18	1	25.0	A
Rights of way	butyl lactate	60.77	N/A	N/A	N/A
Rights of way	calcium chloride	0.08	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	chlorsulfuron	62.21	N/A	N/A	N/A
Rights of way	citric acid	0.38	1	25.0	A
Rights of way	citric acid	141.02	N/A	N/A	N/A
Rights of way	copper naphthenate	4.61	N/A	N/A	N/A
Rights of way	2,4-d	317.51	N/A	N/A	N/A
Rights of way	2,4-d, butoxyethanol ester	563.69	N/A	N/A	N/A
Rights of way	2,4-d, dimethylamine salt	231.92	N/A	N/A	N/A
Rights of way	2,4-d, 2-ethylhexyl ester	41.02	1	25.0	A
Rights of way	2,4-d, 2-ethylhexyl ester	1,431.5	N/A	N/A	N/A
Rights of way	dicamba, dimethylamine salt	288.32	N/A	N/A	N/A
Rights of way	diethylene glycol	967.83	N/A	N/A	N/A
Rights of way	diglycolamine salt of 3,6-dichloro-o-anisic acid	60.41	N/A	N/A	N/A
Rights of way	dimethylpolysiloxane	2.97	N/A	N/A	N/A
Rights of way	diuron	5.2	N/A	N/A	N/A
Rights of way	ethylene glycol	185.08	N/A	N/A	N/A
Rights of way	fatty acids, mixed	3.1	N/A	N/A	N/A
Rights of way	fatty acids derived from tallow	2.46	N/A	N/A	N/A
Rights of way	flumioxazin	6.12	N/A	N/A	N/A
Rights of way	glycerol	68.37	N/A	N/A	N/A
Rights of way	glyphosate, dimethylamine salt	2,457.21	N/A	N/A	N/A
Rights of way	glyphosate, isopropylamine salt	2,140.41	N/A	N/A	N/A
Rights of way	glyphosate, monoammonium salt	550.21	N/A	N/A	N/A
Rights of way	glyphosate, potassium salt	16.55	1	25.0	A
Rights of way	glyphosate, potassium salt	534.76	N/A	N/A	N/A
Rights of way	imazamox, ammonium salt	10.59	N/A	N/A	N/A
Rights of way	imazapyr, isopropylamine salt	24.68	N/A	N/A	N/A
Rights of way	indaziflam	0.65	N/A	N/A	N/A
Rights of way	isopropyl alcohol	35.22	N/A	N/A	N/A
Rights of way	isopropylamine dodecylbenzene sulfonate	0.37	N/A	N/A	N/A
Rights of way	methylated soybean oil	3,055.52	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	mineral oil	0.73	N/A	N/A	N/A
Rights of way	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	1,073.59	N/A	N/A	N/A
Rights of way	paclobutrazol	38.88	N/A	N/A	N/A
Rights of way	petroleum oil, paraffin based	60.82	N/A	N/A	N/A
Rights of way	phosphoric acid	121.71	N/A	N/A	N/A
Rights of way	polyacrylamide, polyethylene glycol mixture	1.61	N/A	N/A	N/A
Rights of way	polyethylene glycol	9.94	N/A	N/A	N/A
Rights of way	polyoxyethylene polyol fatty acid esters	1.75	1	25.0	A
Rights of way	polyoxyethylene polyol fatty acid esters	89.94	N/A	N/A	N/A
Rights of way	polyoxyethylene sorbitan monooleate	1.49	N/A	N/A	N/A
Rights of way	polyoxyethylene sorbitan trioleate	9.84	N/A	N/A	N/A
Rights of way	sodium diisooctylsulfosuccinate	1.01	N/A	N/A	N/A
Rights of way	sodium xylene sulfonate	11.2	N/A	N/A	N/A
Rights of way	sulfometuron-methyl	162.81	N/A	N/A	N/A
Rights of way	tall oil	1.91	N/A	N/A	N/A
Rights of way	triclopyr, triethylamine salt	96.36	N/A	N/A	N/A
Rights of way	alpha-undecyl-omega-hydroxypoly(oxyethylene)	4.54	N/A	N/A	N/A
Structural pest control	abamectin	<0.01	N/A	N/A	N/A
Structural pest control	abamectin, other related	<0.01	N/A	N/A	N/A
Structural pest control	acetamiprid	0.05	N/A	N/A	N/A
Structural pest control	alkyl (50%c14, 40%c12, 10%c16) dimethylbenzyl ammonium chloride	<0.01	N/A	N/A	N/A
Structural pest control	d-trans allethrin	<0.01	N/A	N/A	N/A
Structural pest control	bifenthrin	0.14	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	boric acid	3.93	N/A	N/A	N/A
Structural pest control	bromadiolone	<0.01	N/A	N/A	N/A
Structural pest control	chlorfenapyr	1.16	N/A	N/A	N/A
Structural pest control	cholecalciferol	<0.01	N/A	N/A	N/A
Structural pest control	cyfluthrin	<0.01	N/A	N/A	N/A
Structural pest control	beta-cyfluthrin	0.74	N/A	N/A	N/A
Structural pest control	cypermethrin	0.66	N/A	N/A	N/A
Structural pest control	deltamethrin	2.57	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	0.58	N/A	N/A	N/A
Structural pest control	diphacinone	<0.01	N/A	N/A	N/A
Structural pest control	diphacinone, sodium salt	<0.01	N/A	N/A	N/A
Structural pest control	disodium octaborate tetrahydrate	3.06	N/A	N/A	N/A
Structural pest control	esfenvalerate	1.02	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	etofenprox	0.01	N/A	N/A	N/A
Structural pest control	fipronil	2.08	N/A	N/A	N/A
Structural pest control	gamma-cyhalothrin	<0.01	N/A	N/A	N/A
Structural pest control	hydroprene	3.65	N/A	N/A	N/A
Structural pest control	imidacloprid	1.52	N/A	N/A	N/A
Structural pest control	indoxacarb	0.02	N/A	N/A	N/A
Structural pest control	isopropyl alcohol	0.07	N/A	N/A	N/A
Structural pest control	lambda-cyhalothrin	1.49	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	nicarbazin	0.08	N/A	N/A	N/A
Structural pest control	novaluron	<0.01	N/A	N/A	N/A
Structural pest control	n-octyl bicycloheptene dicarboximide	<0.01	N/A	N/A	N/A
Structural pest control	phenothrin	<0.01	N/A	N/A	N/A
Structural pest control	phenylethyl propionate	0.01	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	piperonyl butoxide	2.06	N/A	N/A	N/A
Structural pest control	piperonyl butoxide, other related	0.01	N/A	N/A	N/A
Structural pest control	prallethrin	0.26	N/A	N/A	N/A
Structural pest control	pyrethrins	0.12	N/A	N/A	N/A
Structural pest control	pyriproxyfen	<0.01	N/A	N/A	N/A
Structural pest control	z,e-9,12-tetradecadien-1-yl acetate	0.01	N/A	N/A	N/A
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	0.02	N/A	N/A	N/A
Triticale	2,4-d, 2-ethylhexyl ester	101.35	1	74.0	A
Uncultivated ag	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	0.68	1	100.0	A
Uncultivated ag	aminopyralid, triisopropanolamine salt	1.13	1	100.0	A
Uncultivated ag	benzoic acid	1.59	10	697.0	A
Uncultivated ag	bromacil	2.4	1	1.0	A
Uncultivated ag	butyl lactate	39.39	10	697.0	A
Uncultivated ag	chlorsulfuron	0.18	1	100.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Uncultivated ag	citric acid	12.61	10	697.0	A
Uncultivated ag	2,4-d	77.62	8	498.0	A
Uncultivated ag	2,4-d, butoxyethanol ester	137.81	8	498.0	A
Uncultivated ag	2,4-d, 2-ethylhexyl ester	7.69	1	100.0	A
Uncultivated ag	1,3-dichloropropene	10,626.9	1	65.0	A
Uncultivated ag	diglycolamine salt of 3,6-dichloro-o-anisic acid	30.2	1	94.0	A
Uncultivated ag	dimethyl alkyl tertiary amines	1.74	10	697.0	A
Uncultivated ag	diuron	2.4	1	1.0	A
Uncultivated ag	glyphosate, potassium salt	1,834.7	11	797.0	A
Uncultivated ag	methylated soybean oil	60.87	10	697.0	A
Uncultivated ag	mineral oil	5.48	1	100.0	A
Uncultivated ag	polyoxyethylene polyol fatty acid esters	58.3	10	697.0	A
Uncultivated ag	tribenuron-methyl	1.38	3	123.0	A
Uncultivated ag	zinc phosphide	2.7	1	64.0	A
Uncultivated non-ag	benzoic acid	0.68	1	120.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Uncultivated non-ag	dimethyl alkyl tertiary amines	0.75	1	120.0	A
Uncultivated non-ag	indaziflam	8.33	1	120.0	A
Uncultivated non-ag	isopropylamine dodecylbenzene sulfonate	0.22	1	120.0	A
Uncultivated non-ag	methylated soybean oil	26.09	1	120.0	A
Uncultivated non-ag	petroleum oil, paraffin based	36.49	1	120.0	A
Uncultivated non-ag	polyoxyethylene sorbitan monooleate	0.9	1	120.0	A
Uncultivated non-ag	polyoxyethylene sorbitan trioleate	5.9	1	120.0	A
Uncultivated non-ag	rimsulfuron	6.56	1	120.0	A
Unknown	diphacinone	0.01	N/A	30.0	A
Unknown	strychnine	0.21	N/A	N/A	A
Vegetables, leafy	azadirachtin	3.13	2	103.63	A
Vegetables, leafy	calcium chloride	3.54	3	135.05	A
Vegetables, leafy	citric acid	9.84	3	135.05	A
Vegetables, leafy	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	27.19	2	101.42	A
Vegetables, leafy	margosa oil	1.56	1	33.63	A
Vegetables, leafy	pyrethrins	4.12	2	101.42	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Vegetables, leafy	spinosad	4.79	1	37.01	A
Vertebrate control	strychnine	0.69	N/A	N/A	N/A
Wheat	alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	5.19	3	156.0	A
Wheat	aluminum phosphide	773.85	N/A	14,869.0	T
Wheat	azoxystrobin	65.33	10	705.0	A
Wheat	benzoic acid	7.14	27	2,074.0	A
Wheat	n,n-bis-(2-(omega-hydroxypoly(oxyethylene)/poly(oxypropylene))ethyl)alkyl (c8-c18) amine	4.28	1	82.0	A
Wheat	bromoxynil octanoate	61.74	2	136.0	A
Wheat	butyl lactate	61.7	29	2,166.0	A
Wheat	citric acid	2.16	2	184.0	A
Wheat	2,4-d	18.65	1	112.0	A
Wheat	2,4-d, butoxyethanol ester	33.11	1	112.0	A
Wheat	2,4-d, dimethylamine salt	1,416.09	24	1,690.0	A
Wheat	dicamba, dimethylamine salt	43.54	6	382.5	A
Wheat	diglycolamine salt of 3,6-dichloro-o-anisic acid	169.41	25	1,825.0	A
Wheat	dimethyl alkyl tertiary amines	7.81	27	2,074.0	A
Wheat	fluroxypyr, 1-methylheptyl ester	24.42	2	136.0	A
Wheat	glyphosate, potassium salt	212.39	1	112.0	A
Wheat	mcpa, dimethylamine salt	455.94	11	766.5	A
Wheat	mcpa, 2-ethyl hexyl ester	66.15	2	136.0	A
Wheat	methylated soybean oil	273.06	27	2,074.0	A
Wheat	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	18.18	3	156.0	A
Wheat	pinoxaden	10.27	3	213.0	A
Wheat	polyoxyethylene polyol fatty acid esters	9.98	2	184.0	A
Wheat	poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	0.71	1	82.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Wheat	polyoxyethylene sorbitan monolaurate	483.34	27	1,982.0	A
Wheat	polyoxyethylene tall oil fatty acid ester	2.14	1	82.0	A
Wheat	propiconazole	56.62	10	705.0	A
Wheat	silica filled polydimethylsiloxane	0.27	27	1,982.0	A
Wheat	tall oil fatty acids	6.07	1	82.0	A
Wheat	tribenuron-methyl	8.83	11	868.0	A