

2020 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 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	alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	4.52	2	67.5	A
Alfalfa	alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	23.56	15	963.6	A
Alfalfa	alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	0.86	1	11.0	A
Alfalfa	alkyl (c8,c10) polyglucoside	180.01	23	1,484.8	A
Alfalfa	ammonium nitrate	485.0	23	1,484.8	A
Alfalfa	ammonium sulfate	757.31	113	7,362.14	A
Alfalfa	aromatic 200	7.63	1	50.0	A
Alfalfa	benzoic acid	80.61	344	22,956.78	A
Alfalfa	n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	1.37	1	50.0	A
Alfalfa	n,n-bis-(2-(omega-hydroxypoly(oxyethylene)/poly(oxypropylene))ethyl)alkyl (c8-c18) amine	7.07	1	77.0	A
Alfalfa	bromoxynil octanoate	3.92	1	11.0	A
Alfalfa	2-butoxyethanol	0.07	1	55.0	A
Alfalfa	butyl lactate	300.81	406	27,106.88	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Alfalfa	carfentrazone-ethyl	1.2	1	55.0	A
Alfalfa	citric acid	72.26	254	16,752.52	A
Alfalfa	clethodim	76.1	8	398.71	A
Alfalfa	beta-cyfluthrin	104.72	104	5,049.96	A
Alfalfa	zeta-cypermethrin	13.32	6	277.0	A
Alfalfa	2,4-d, dimethylamine salt	102.63	1	60.0	A
Alfalfa	4-(2,4-db), dimethylamine salt	1,474.46	32	1,969.0	A
Alfalfa	decyl phenoxy benzene disulfonic acid, disodium salt	38.79	97	6,766.0	A
Alfalfa	dimethoate	730.73	83	2,981.23	A
Alfalfa	dimethyl alkyl tertiary amines	88.09	344	22,956.78	A
Alfalfa	dimethylpolysiloxane	0.05	3	218.0	A
Alfalfa	fatty acids derived from tallow	0.34	1	11.0	A
Alfalfa	flupyradifurone	951.92	134	8,858.38	A
Alfalfa	glyphosate, isopropylamine salt	350.18	11	233.43	A
Alfalfa	glyphosate, potassium salt	1,723.31	16	1,219.0	A
Alfalfa	hexazinone	754.1	18	1,374.0	A
Alfalfa	imazamox, ammonium salt	31.1	11	672.0	A
Alfalfa	imazethapyr, ammonium salt	134.88	25	1,477.8	A
Alfalfa	indoxacarb	163.87	26	1,838.6	A
Alfalfa	isopropylamine dodecylbenzene sulfonate	0.07	1	55.0	A
Alfalfa	lambda-cyhalothrin	201.21	90	6,660.3	A
Alfalfa	limonene	1.38	1	55.0	A
Alfalfa	low molecular weight paraffinic oil	1.73	1	55.0	A
Alfalfa	malathion	261.31	2	226.6	A
Alfalfa	methylated soybean oil	6,087.06	680	43,068.78	A
Alfalfa	metribuzin	7,761.84	246	15,388.13	A
Alfalfa	mineral oil	1,141.89	94	5,688.83	A
Alfalfa	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	132.02	191	9,626.97	A
Alfalfa	alpha-octylphenyl-omega-hydroxypoly(oxyethylene)	0.17	1	55.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Alfalfa	oil of orange	0.03	1	55.0	A
Alfalfa	paraquat dichloride	9,173.93	222	14,312.33	A
Alfalfa	pendimethalin	75.76	2	40.0	A
Alfalfa	phosphoric acid	9.27	13	378.14	A
Alfalfa	polyacrylamide polymer	1.18	8	503.6	A
Alfalfa	polyacrylic polymer	0.84	13	378.14	A
Alfalfa	polyalkene oxide modified heptamethyl trisiloxane	20.61	124	6,058.1	A
Alfalfa	polyethoxylated castor oil	143.88	20	1,266.8	A
Alfalfa	polyoxyethylene polyol fatty acid esters	594.81	318	21,306.48	A
Alfalfa	poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	15.93	21	1,343.8	A
Alfalfa	polyoxyethylene sorbitan monolaurate	719.03	88	5,800.4	A
Alfalfa	polyoxyethylene tall oil fatty acid ester	3.53	1	77.0	A
Alfalfa	polysorbate 65	62.72	30	2,198.46	A
Alfalfa	saflufenacil	61.62	28	1,634.5	A
Alfalfa	silica filled polydimethylsiloxane	0.41	88	5,800.4	A
Alfalfa	sorbitan trioleate	62.72	30	2,198.46	A
Alfalfa	strychnine	0.19	4	37.0	A
Alfalfa	tall oil fatty acids	147.68	85	4,834.17	A
Alfalfa	alpha-tridecyl-omega-hydroxypoly(oxyethanol) phosphate	2.94	1	50.0	A
Alfalfa	zinc phosphide	17.92	16	586.54	A
Alfalfa	sodium lauryl ether sulfate	19.68	15	963.6	A
Barley	alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	12.42	3	240.6	A
Barley	alkyl (c8,c10) polyglucoside	7.83	1	70.0	A
Barley	ammonium nitrate	28.07	1	70.0	A
Barley	azoxystrobin	63.8	9	671.0	A
Barley	benzoic acid	7.7	25	1,922.0	A
Barley	n,n-bis-(2-(omega-hydroxypoly(oxyethylene)/poly(oxypropylene))ethyl)alkyl (c8-c18) amine	3.99	1	65.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Barley	butyl lactate	41.86	24	1,852.0	A
Barley	citric acid	4.04	3	264.0	A
Barley	2,4-d	51.85	3	291.0	A
Barley	2,4-d, butoxyethanol ester	92.04	3	291.0	A
Barley	2,4-d, dimethylamine salt	910.21	14	1,105.6	A
Barley	dicamba, dimethylamine salt	51.33	4	382.0	A
Barley	diglycolamine salt of 3,6-dichloro-o-anisic acid	89.29	13	1,040.0	A
Barley	dimethyl alkyl tertiary amines	8.41	25	1,922.0	A
Barley	glyphosate, potassium salt	232.42	2	141.0	A
Barley	mcpa, dimethylamine salt	186.59	5	375.0	A
Barley	methylated soybean oil	317.61	26	1,992.0	A
Barley	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	43.46	3	240.6	A
Barley	pinoxaden	18.87	5	358.6	A
Barley	polyacrylamide polymer	0.53	2	221.0	A
Barley	polyethoxylated castor oil	8.77	1	70.0	A
Barley	polyoxyethylene polyol fatty acid esters	18.7	3	264.0	A
Barley	poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	1.56	2	135.0	A
Barley	polyoxyethylene sorbitan monolaurate	257.01	21	1,588.0	A
Barley	polyoxyethylene tall oil fatty acid ester	1.99	1	65.0	A
Barley	propiconazole	58.46	9	671.0	A
Barley	silica filled polydimethylsiloxane	0.15	21	1,588.0	A
Barley	tall oil fatty acids	11.73	2	135.0	A
Barley	tribenuron-methyl	3.69	5	356.6	A
Forage hay/silage	alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	9.92	10	257.0	A
Forage hay/silage	alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	0.61	1	35.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Forage hay/silage	alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	29.97	10	759.0	A
Forage hay/silage	alkyl (c8,c10) polyglucoside	13.47	2	125.0	A
Forage hay/silage	ammonium nitrate	6.42	2	125.0	A
Forage hay/silage	ammonium sulfate	32.44	5	320.5	A
Forage hay/silage	aromatic 200	15.27	1	50.0	A
Forage hay/silage	benzoic acid	1.27	5	278.5	A
Forage hay/silage	n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	2.74	1	50.0	A
Forage hay/silage	n,n-bis-(2-(omega-hydroxypoly(oxyethylene)/poly(oxypropylene))ethyl)alkyl (c8-c18) amine	3.06	1	45.0	A
Forage hay/silage	bromoxynil octanoate	36.3	1	90.0	A
Forage hay/silage	butyl lactate	3.46	3	165.5	A
Forage hay/silage	carfentrazone-ethyl	0.43	1	30.0	A
Forage hay/silage	chlorsulfuron	0.75	1	50.0	A
Forage hay/silage	citric acid	1.07	3	195.5	A
Forage hay/silage	beta-cyfluthrin	1.73	1	75.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Forage hay/silage	2,4-d, dimethylamine salt	1,295.97	22	1,208.0	A
Forage hay/silage	2,4-d, 2-ethylhexyl ester	26.48	1	26.0	A
Forage hay/silage	decyl phenoxy benzene disulfonic acid, disodium salt	0.05	1	5.5	A
Forage hay/silage	dicamba, dimethylamine salt	194.46	19	1,038.0	A
Forage hay/silage	diglycolamine salt of 3,6-dichloro-o-anisic acid	35.52	3	190.0	A
Forage hay/silage	dimethyl alkyl tertiary amines	1.39	5	278.5	A
Forage hay/silage	dimethyl dicocoalkyl ammonium salt with naphthalenesulfonic acid, formaldehyde condensate	1.45	1	75.0	A
Forage hay/silage	dimethylpolysiloxane	0.05	3	200.0	A
Forage hay/silage	fatty acids derived from tallow	11.99	10	759.0	A
Forage hay/silage	fluroxypyr, 1-methylheptyl ester	14.36	1	90.0	A
Forage hay/silage	glyphosate, isopropylamine salt	152.55	3	110.0	A
Forage hay/silage	isopropyl alcohol	0.79	1	75.0	A
Forage hay/silage	lambda-cyhalothrin	3.42	2	113.0	A
Forage hay/silage	mcpa, dimethylamine salt	104.09	2	120.0	A
Forage hay/silage	mcpa, 2-ethyl hexyl ester	38.89	1	90.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Forage hay/silage	methylated soybean oil	68.41	8	359.0	A
Forage hay/silage	metribuzin	122.18	5	237.1	A
Forage hay/silage	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	74.55	22	1,116.0	A
Forage hay/silage	paraquat dichloride	36.2	1	70.0	A
Forage hay/silage	phosphoric acid	5.78	2	190.0	A
Forage hay/silage	polyacrylamide polymer	0.38	2	165.0	A
Forage hay/silage	polyacrylic polymer	0.52	2	190.0	A
Forage hay/silage	polyalkene oxide modified heptamethyl trisiloxane	0.19	1	25.0	A
Forage hay/silage	polyethylene glycol	4.98	1	75.0	A
Forage hay/silage	polyethylene glycol oleate	3.36	1	75.0	A
Forage hay/silage	polyoxyethylene polyol fatty acid esters	0.32	1	5.5	A
Forage hay/silage	poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	0.51	1	45.0	A
Forage hay/silage	polyoxyethylene sorbitan monolaurate	30.01	2	160.0	A
Forage hay/silage	polyoxyethylene tall oil fatty acid ester	1.53	1	45.0	A
Forage hay/silage	silica filled polydimethylsiloxane	0.02	2	160.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Forage hay/silage	tall oil fatty acids	4.34	1	45.0	A
Forage hay/silage	alpha-tridecyl-omega-hydroxypoly(oxyethanol) phosphate	5.87	1	50.0	A
Forage hay/silage	zinc phosphide	3.6	2	80.0	A
Forage hay/silage	sodium lauryl ether sulfate	0.51	1	35.0	A
Forest, timberland	borax	66.5	N/A	386.0	A
Forest, timberland	clopyralid, monoethanolamine salt	104.48	13	1,298.6	A
Forest, timberland	glyphosate, dimethylamine salt	6,042.18	86	3,367.7	A
Forest, timberland	glyphosate, isopropylamine salt	192.33	3	281.6	A
Forest, timberland	hexazinone	3,987.52	26	1,906.3	A
Forest, timberland	imazapyr, isopropylamine salt	1,462.57	84	2,810.0	A
Forest, timberland	methylated soybean oil	10,655.81	158	5,272.55	A
Forest, timberland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	1,895.2	158	5,272.55	A
Forest, timberland	oxyfluorfen	400.12	6	426.6	A
Forest, timberland	penoxsulam	8.44	6	426.6	A
Forest, timberland	triclopyr, butoxyethyl ester	969.14	32	331.8	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Forest, timberland	triclopyr choline	346.53	10	183.05	A
Forest, timberland	triclopyr, triethylamine salt	41.12	1	33.0	A
Garlic	benzoic acid	2.38	11	425.0	A
Garlic	bromoxynil octanoate	32.64	3	127.0	A
Garlic	butyl lactate	15.74	8	311.0	A
Garlic	citric acid	2.64	4	131.0	A
Garlic	clethodim	17.67	3	127.0	A
Garlic	dimethenamid-p	67.49	2	79.0	A
Garlic	dimethyl alkyl tertiary amines	2.6	11	425.0	A
Garlic	flumioxazin	18.62	5	184.0	A
Garlic	glyphosate, potassium salt	281.35	5	184.0	A
Garlic	methylated soybean oil	90.86	11	425.0	A
Garlic	oxyfluorfen	23.08	2	92.0	A
Garlic	pendimethalin	220.64	8	298.0	A
Garlic	polyoxyethylene polyol fatty acid esters	12.19	4	131.0	A
Garlic	polyoxyethylene sorbitan monolaurate	66.01	4	180.0	A
Garlic	silica filled polydimethylsiloxane	0.04	4	180.0	A
Horseradish	benzoic acid	0.68	2	167.0	A
Horseradish	butyl lactate	7.69	2	167.0	A
Horseradish	citric acid	2.46	2	167.0	A
Horseradish	dimethyl alkyl tertiary amines	0.75	2	167.0	A
Horseradish	glyphosate, potassium salt	301.43	3	180.5	A
Horseradish	linuron	14.5	1	58.0	A
Horseradish	methylated soybean oil	26.09	2	167.0	A
Horseradish	oxyfluorfen	2.73	1	58.0	A
Horseradish	polyoxyethylene polyol fatty acid esters	11.38	2	167.0	A
Horseradish	sulfentrazone	7.17	1	58.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	bromacil	4.8	N/A	N/A	N/A
Landscape maintenance	2,4-d, dimethylamine salt	0.86	N/A	N/A	N/A
Landscape maintenance	dicamba, dimethylamine salt	3.28	N/A	N/A	N/A
Landscape maintenance	diuron	4.8	N/A	N/A	N/A
Landscape maintenance	glyphosate, isopropylamine salt	3.5	N/A	N/A	N/A
Landscape maintenance	indaziflam	0.04	N/A	N/A	N/A
Landscape maintenance	oxyfluorfen	0.98	N/A	N/A	N/A
Landscape maintenance	pendimethalin	1.89	N/A	N/A	N/A
Landscape maintenance	penoxsulam	0.02	N/A	N/A	N/A
Mint	alkyl (c8,c10) polyglucoside	188.27	28	1,787.0	A
Mint	ammonium nitrate	675.18	28	1,787.0	A
Mint	ammonium sulfate	97.87	12	721.0	A
Mint	azoxystrobin	66.81	4	267.0	A
Mint	benzoic acid	8.39	33	2,149.0	A
Mint	butyl lactate	13.65	6	371.0	A
Mint	carfentrazone-ethyl	20.1	13	757.0	A
Mint	citric acid	2.72	12	721.0	A
Mint	clethodim	265.2	14	961.0	A
Mint	clopyralid, monoethanolamine salt	25.69	2	105.0	A
Mint	decyl phenoxy benzene disulfonic acid, disodium salt	5.6	12	721.0	A
Mint	dimethyl alkyl tertiary amines	9.16	33	2,149.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Mint	methylated soybean oil	883.23	61	3,936.0	A
Mint	oxyfluorfen	497.13	18	1,092.0	A
Mint	polyethoxylated castor oil	210.99	28	1,787.0	A
Mint	poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	21.64	28	1,787.0	A
Mint	polyoxyethylene sorbitan monolaurate	120.03	6	371.0	A
Mint	silica filled polydimethylsiloxane	0.07	6	371.0	A
Mint	tall oil fatty acids	146.07	28	1,787.0	A
Oat	benzoic acid	0.09	1	50.0	A
Oat	butyl lactate	1.36	1	50.0	A
Oat	2,4-d, dimethylamine salt	14.21	1	50.0	A
Oat	diglycolamine salt of 3,6-dichloro-o-anisic acid	4.53	1	50.0	A
Oat	dimethyl alkyl tertiary amines	0.1	1	50.0	A
Oat	methylated soybean oil	3.48	1	50.0	A
Oat	polyoxyethylene sorbitan monolaurate	12.0	1	50.0	A
Oat	silica filled polydimethylsiloxane	0.01	1	50.0	A
Onion, dry	abamectin	0.45	1	36.0	A
Onion, dry	alkyl (c8,c10) polyglucoside	3.89	1	71.0	A
Onion, dry	ammonium nitrate	13.95	1	71.0	A
Onion, dry	azoxystrobin	208.7	16	1,139.0	A
Onion, dry	bacillus amyloliquefaciens strain f727	142.95	3	105.0	A
Onion, dry	benzoic acid	20.51	54	3,913.0	A
Onion, dry	butyl lactate	70.39	49	3,506.0	A
Onion, dry	chlorothalonil	193.62	3	210.0	A
Onion, dry	chlorthal-dimethyl	253.57	2	72.0	A
Onion, dry	citric acid	9.34	16	1,061.0	A
Onion, dry	clethodim	4.52	1	71.0	A
Onion, dry	copper hydroxide	273.9	3	216.0	A
Onion, dry	dimethenamid-p	72.17	4	330.0	A
Onion, dry	dimethyl alkyl tertiary amines	22.41	54	3,913.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Onion, dry	fluazifop-p-butyl	176.01	11	803.0	A
Onion, dry	fluopyram	24.06	2	181.0	A
Onion, dry	glyphosate, potassium salt	949.33	15	1,007.0	A
Onion, dry	mancozeb	1,018.27	12	822.0	A
Onion, dry	mandipropamid	8.34	1	72.0	A
Onion, dry	mefenoxam	17.41	3	191.0	A
Onion, dry	methomyl	3.08	1	36.0	A
Onion, dry	methylated soybean oil	795.77	55	3,984.0	A
Onion, dry	oxathiapiprolin	1.0	1	72.0	A
Onion, dry	oxyfluorfen	113.86	25	1,740.0	A
Onion, dry	pendimethalin	419.0	10	650.0	A
Onion, dry	penthioopyrad	42.73	3	157.0	A
Onion, dry	polyethoxylated castor oil	4.36	1	71.0	A
Onion, dry	polyoxyethylene polyol fatty acid esters	43.18	16	1,061.0	A
Onion, dry	poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	0.45	1	71.0	A
Onion, dry	polyoxyethylene sorbitan monolaurate	362.48	33	2,445.0	A
Onion, dry	pyrimethanil	150.43	7	613.0	A
Onion, dry	silica filled polydimethylsiloxane	0.21	33	2,445.0	A
Onion, dry	spinetoram	30.43	9	618.0	A
Onion, dry	spirotetramat	93.47	20	1,211.0	A
Onion, dry	tall oil fatty acids	3.02	1	71.0	A
Onion, dry	tebuconazole	317.67	11	809.0	A
Orchardgrass	alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	2.62	1	68.0	A
Orchardgrass	2,4-d, dimethylamine salt	77.16	1	68.0	A
Orchardgrass	dicamba, dimethylamine salt	10.26	1	68.0	A
Orchardgrass	fatty acids derived from tallow	1.05	1	68.0	A
Orchardgrass	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	2.62	1	68.0	A
Pastureland	alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	8.56	1	111.1	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pastureland	aminopyralid, triisopropanolamine salt	37.72	4	1,371.1	A
Pastureland	2,4-d, dimethylamine salt	176.46	5	1,391.1	A
Pastureland	dicamba, dimethylamine salt	3.04	1	20.0	A
Pastureland	fatty acids derived from tallow	3.42	1	111.1	A
Pastureland	mineral oil	9.47	1	60.0	A
Pastureland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	8.56	1	111.1	A
Pastureland	polysorbate 65	0.84	1	60.0	A
Pastureland	sorbitan trioleate	0.84	1	60.0	A
Potato	abamectin	5.58	7	417.0	A
Potato	alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	9.35	4	331.0	A
Potato	alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	21.62	14	675.0	A
Potato	alkyl (c8,c10) polyglucoside	116.65	25	1,094.2	A
Potato	ammonium nitrate	418.33	25	1,094.2	A
Potato	azoxystrobin	103.22	11	612.0	A
Potato	benzoic acid	34.1	119	6,564.7	A
Potato	bifenthrin	29.68	6	347.0	A
Potato	n,n-bis-(2-(omega-hydroxypoly(oxyethylene)/poly(oxypropylene))ethyl)alkyl (c8-c18) amine	56.58	18	970.0	A
Potato	boscalid	102.91	9	576.0	A
Potato	burkholderia sp strain a396 cells and fermentation media	2,242.53	9	285.0	A
Potato	2-butoxyethanol	0.41	1	122.0	A
Potato	butyl lactate	58.65	62	3,328.5	A
Potato	carfentrazone-ethyl	1.99	3	25.1	A
Potato	chlorantraniliprole	2.52	1	46.0	A
Potato	chlorothalonil	2,214.04	40	2,300.5	A
Potato	chlorpropham	1,610.14	N/A	34,708.5	T
Potato	citric acid	4.63	7	452.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Potato	clethodim	28.62	2	128.0	A
Potato	copper hydroxide	593.14	20	921.0	A
Potato	cyantraniliprole	5.27	1	70.0	A
Potato	beta-cyfluthrin	15.47	11	720.0	A
Potato	cymoxanil	74.69	10	700.0	A
Potato	dimethenamid-p	412.96	8	461.0	A
Potato	dimethyl alkyl tertiary amines	37.27	119	6,564.7	A
Potato	1,4-dimethylnaphthalene	129.24	N/A	13,300.0	T
Potato	diquat dibromide	132.42	6	173.5	A
Potato	emulsifiable methylated vegetable oil	217.0	12	589.0	A
Potato	eptc	156.82	1	122.0	A
Potato	esfenvalerate	7.98	4	184.0	A
Potato	famoxadone	74.69	10	700.0	A
Potato	fluopyram	125.32	21	1,458.0	A
Potato	flutolanil	395.56	10	632.0	A
Potato	glufosinate-ammonium	679.82	27	1,440.2	A
Potato	glyphosate, potassium salt	82.75	1	44.0	A
Potato	hydrogen peroxide	174.3	1	28.0	A
Potato	hydrogen peroxide	76.64	N/A	7,550.0	T
Potato	imidacloprid	172.51	21	1,269.0	A
Potato	indoxacarb	9.0	1	84.0	A
Potato	isopropylamine dodecylbenzene sulfonate	0.41	1	122.0	A
Potato	lambda-cyhalothrin	8.7	8	277.0	A
Potato	limonene	8.29	1	122.0	A
Potato	low molecular weight paraffinic oil	10.36	1	122.0	A
Potato	maleic hydrazide, potassium salt	837.33	4	220.0	A
Potato	mancozeb	525.89	10	446.0	A
Potato	mefenoxam	151.84	27	1,578.0	A
Potato	metam-sodium	22,553.04	4	209.0	A
Potato	methylated soybean oil	1,718.2	145	7,699.9	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Potato	metribuzin	1,077.66	39	2,224.0	A
Potato	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	32.74	4	331.0	A
Potato	alpha-octylphenyl-omega-hydroxypoly(oxyethylene)	1.04	1	122.0	A
Potato	oil of orange	0.21	1	122.0	A
Potato	oxamyl	666.86	12	749.7	A
Potato	pendimethalin	774.16	11	688.0	A
Potato	penthioopyrad	2.0	1	67.0	A
Potato	peroxyacetic acid	12.86	1	28.0	A
Potato	peroxyacetic acid	14.17	N/A	7,550.0	T
Potato	polyether modified polysiloxane	11.1	12	589.0	A
Potato	polyethoxylated castor oil	130.73	25	1,094.2	A
Potato	polyoxyethylene polyol fatty acid esters	21.43	7	452.0	A
Potato	poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	22.84	43	2,064.2	A
Potato	polyoxyethylene sorbitan monolaurate	388.48	55	2,876.5	A
Potato	polyoxyethylene tall oil fatty acid ester	28.29	18	970.0	A
Potato	potassium phosphite	94.04	1	30.0	A
Potato	pyrimethanil	374.85	21	1,458.0	A
Potato	qst 713 strain of dried bacillus subtilis	1.54	2	54.0	A
Potato	reynoutria sachalinensis	28.02	6	229.0	A
Potato	rimsulfuron	71.14	60	3,446.0	A
Potato	silica filled polydimethylsiloxane	0.22	55	2,876.5	A
Potato	spirotetramat	6.61	2	84.0	A
Potato	tall oil fatty acids	170.83	43	2,064.2	A
Potato	alpha-undecyl-omega-hydroxypoly(oxyethylene)	43.84	12	589.0	A
Potato	sodium lauryl ether sulfate	18.06	14	675.0	A
Public health	permethrin	53.57	N/A	N/A	N/A
Public health	piperonyl butoxide	42.85	N/A	N/A	N/A
Public health	piperonyl butoxide, other related	10.71	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rangeland	aminopyralid, triisopropanolamine salt	3.69	N/A	17.5	A
Rangeland	2,4-d, butoxyethanol ester	51.19	N/A	17.5	A
Rangeland	diethylene glycol	0.63	N/A	17.5	A
Rangeland	dimethylpolysiloxane	<0.01	N/A	17.5	A
Rangeland	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	0.24	N/A	17.5	A
Regulatory pest control	alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	10.98	N/A	N/A	N/A
Regulatory pest control	chlorsulfuron	0.33	N/A	N/A	N/A
Regulatory pest control	2,4-d, dimethylamine salt	30.35	N/A	N/A	N/A
Regulatory pest control	fatty acids derived from tallow	4.39	N/A	N/A	N/A
Regulatory pest control	glyphosate, isopropylamine salt	146.17	N/A	N/A	N/A
Regulatory pest control	imazapyr, isopropylamine salt	0.3	N/A	N/A	N/A
Regulatory pest control	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	10.98	N/A	N/A	N/A
Regulatory pest control	strychnine	0.69	N/A	N/A	N/A
Rice, wild	copper sulfate (pentahydrate)	2,989.8	9	302.0	A
Rights of way	alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	0.86	N/A	N/A	N/A
Rights of way	alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	9.81	1	640.0	A
Rights of way	alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	2.19	N/A	N/A	N/A
Rights of way	alkyl (c8,c10) polyglucoside	6.67	N/A	N/A	N/A
Rights of way	aluminum phosphide	5.84	N/A	N/A	N/A
Rights of way	aminocyclopyrachlor	20.39	N/A	N/A	N/A
Rights of way	aminocyclopyrachlor, potassium salt	0.42	N/A	N/A	N/A
Rights of way	aminopyralid, triisopropanolamine salt	3.07	2	300.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	aminopyralid, triisopropanolamine salt	372.74	N/A	N/A	N/A
Rights of way	ammonium nitrate	3.18	N/A	N/A	N/A
Rights of way	ammonium sulfate	8.27	N/A	N/A	N/A
Rights of way	butyl lactate	7.28	2	245.0	A
Rights of way	butyl lactate	60.93	N/A	N/A	N/A
Rights of way	chlorsulfuron	0.15	1	640.0	A
Rights of way	chlorsulfuron	29.87	N/A	N/A	N/A
Rights of way	citric acid	2.33	2	245.0	A
Rights of way	citric acid	20.2	N/A	N/A	N/A
Rights of way	2,4-d	560.85	N/A	N/A	N/A
Rights of way	2,4-d, butoxyethanol ester	1,650.07	N/A	N/A	N/A
Rights of way	2,4-d, dimethylamine salt	60.49	3	840.0	A
Rights of way	2,4-d, dimethylamine salt	242.93	N/A	N/A	N/A
Rights of way	2,4-d, 2-ethylhexyl ester	82.71	2	245.0	A
Rights of way	2,4-d, 2-ethylhexyl ester	1,424.2	N/A	N/A	N/A
Rights of way	dicamba, dimethylamine salt	273.29	N/A	N/A	N/A
Rights of way	diethylene glycol	1,240.78	N/A	N/A	N/A
Rights of way	dimethylpolysiloxane	3.56	N/A	N/A	N/A
Rights of way	dithiopyr	0.5	1	640.0	A
Rights of way	dithiopyr	0.23	N/A	N/A	N/A
Rights of way	fatty acids, mixed	2.27	N/A	N/A	N/A
Rights of way	fatty acids derived from tallow	3.92	1	640.0	A
Rights of way	fatty acids derived from tallow	0.88	N/A	N/A	N/A
Rights of way	glufosinate-ammonium	2.3	N/A	N/A	N/A
Rights of way	glycerol	230.19	N/A	N/A	N/A
Rights of way	glyphosate, dimethylamine salt	2,265.75	N/A	N/A	N/A
Rights of way	glyphosate, isopropylamine salt	89.91	3	1,380.0	A
Rights of way	glyphosate, isopropylamine salt	1,519.55	N/A	N/A	N/A
Rights of way	glyphosate, monoammonium salt	33.31	N/A	N/A	N/A
Rights of way	glyphosate, potassium salt	82.75	2	245.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	glyphosate, potassium salt	1,382.19	N/A	N/A	N/A
Rights of way	imazapyr, isopropylamine salt	159.16	N/A	N/A	N/A
Rights of way	indaziflam	0.84	N/A	N/A	N/A
Rights of way	isopropylamine dodecylbenzene sulfonate	0.3	N/A	N/A	N/A
Rights of way	isoxaben	0.94	1	640.0	A
Rights of way	lecithin	6.59	N/A	N/A	N/A
Rights of way	methylated soybean oil	2,820.73	N/A	N/A	N/A
Rights of way	mineral oil	48.29	N/A	N/A	N/A
Rights of way	4-nonylphenol, formaldehyde resin, propoxylated	13.61	N/A	N/A	N/A
Rights of way	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	9.81	1	640.0	A
Rights of way	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	1,064.23	N/A	N/A	N/A
Rights of way	phosphoric acid	0.76	N/A	N/A	N/A
Rights of way	polyacrylamide, polyethylene glycol mixture	1.57	N/A	N/A	N/A
Rights of way	polyoxyethylene polyol fatty acid esters	10.78	2	245.0	A
Rights of way	polyoxyethylene polyol fatty acid esters	90.18	N/A	N/A	N/A
Rights of way	polyoxyethylene sorbitan monooleate	1.19	N/A	N/A	N/A
Rights of way	polyoxyethylene sorbitan trioleate	7.81	N/A	N/A	N/A
Rights of way	rimsulfuron	9.14	N/A	N/A	N/A
Rights of way	sodium diisooctylsulfosuccinate	3.41	N/A	N/A	N/A
Rights of way	sodium xylene sulfonate	37.71	N/A	N/A	N/A
Rights of way	sulfometuron-methyl	31.96	N/A	N/A	N/A
Rights of way	tall oil	6.44	N/A	N/A	N/A
Rights of way	triclopyr, butoxyethyl ester	1.73	N/A	N/A	N/A
Rights of way	triclopyr, triethylamine salt	14.65	N/A	N/A	N/A
Rights of way	alpha-undecyl-omega-hydroxypoly(oxyethylene)	3.6	N/A	N/A	N/A
Structural pest control	abamectin	<0.01	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	abamectin, other related	<0.01	N/A	N/A	N/A
Structural pest control	acetamiprid	0.08	N/A	N/A	N/A
Structural pest control	alkyl (50% ^c 14, 40% ^c 12, 10% ^c 16) dimethylbenzyl ammonium chloride	0.26	N/A	N/A	N/A
Structural pest control	bifenthrin	0.3	N/A	N/A	N/A
Structural pest control	boric acid	4.96	N/A	N/A	N/A
Structural pest control	bromadiolone	<0.01	N/A	N/A	N/A
Structural pest control	chlorfenapyr	0.22	N/A	N/A	N/A
Structural pest control	cholecalciferol	<0.01	N/A	N/A	N/A
Structural pest control	clothianidin	0.02	N/A	N/A	N/A
Structural pest control	beta-cyfluthrin	1.68	N/A	N/A	N/A
Structural pest control	cypermethrin	0.18	N/A	N/A	N/A
Structural pest control	deltamethrin	0.26	N/A	N/A	N/A
Structural pest control	didecyl dimethyl ammonium chloride	0.1	N/A	N/A	N/A
Structural pest control	difethialone	0.01	N/A	N/A	N/A
Structural pest control	dinotefuran	0.48	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	dioctyl dimethyl ammonium chloride	0.1	N/A	N/A	N/A
Structural pest control	disodium octaborate tetrahydrate	10.35	N/A	N/A	N/A
Structural pest control	esfenvalerate	4.51	N/A	N/A	N/A
Structural pest control	fipronil	1.38	N/A	N/A	N/A
Structural pest control	hydroprene	1.76	N/A	N/A	N/A
Structural pest control	imidacloprid	3.55	N/A	N/A	N/A
Structural pest control	indoxacarb	0.02	N/A	N/A	N/A
Structural pest control	isopropyl alcohol	0.04	N/A	N/A	N/A
Structural pest control	lambda-cyhalothrin	0.4	N/A	N/A	N/A
Structural pest control	metofluthrin	<0.01	N/A	N/A	N/A
Structural pest control	muscalure	0.01	N/A	N/A	N/A
Structural pest control	nicarbazin	0.02	N/A	N/A	N/A
Structural pest control	novaluron	<0.01	N/A	N/A	N/A
Structural pest control	octyl decyl dimethyl ammonium chloride	0.2	N/A	N/A	N/A
Structural pest control	permethrin	0.52	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	phenothrin	<0.01	N/A	N/A	N/A
Structural pest control	piperonyl butoxide	6.99	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	1.13	N/A	N/A	N/A
Structural pest control	pyrethrins	0.24	N/A	N/A	N/A
Structural pest control	pyriproxyfen	0.03	N/A	N/A	N/A
Structural pest control	silica aerogel	0.03	N/A	N/A	N/A
Structural pest control	z,e-9,12-tetradecadien-1-yl acetate	0.02	N/A	N/A	N/A
Structural pest control	thiamethoxam	<0.01	N/A	N/A	N/A
Uncultivated ag	alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	0.33	1	5.0	A
Uncultivated ag	alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	6.32	2	73.0	A
Uncultivated ag	alkyl (c8,c10) polyglucoside	21.14	4	204.0	A
Uncultivated ag	aminopyralid, triisopropanolamine salt	1.04	1	5.0	A
Uncultivated ag	ammonium nitrate	75.8	4	204.0	A
Uncultivated ag	benzoic acid	3.5	15	1,029.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Uncultivated ag	butyl lactate	61.02	11	825.0	A
Uncultivated ag	carfentrazone-ethyl	1.59	1	60.0	A
Uncultivated ag	citric acid	18.65	10	735.0	A
Uncultivated ag	2,4-d	160.58	15	915.0	A
Uncultivated ag	2,4-d, butoxyethanol ester	285.09	15	915.0	A
Uncultivated ag	2,4-d, dimethylamine salt	192.8	5	259.0	A
Uncultivated ag	dicamba, dimethylamine salt	20.24	4	179.0	A
Uncultivated ag	diglycolamine salt of 3,6-dichloro-o-anisic acid	28.45	3	169.0	A
Uncultivated ag	dimethyl alkyl tertiary amines	3.83	15	1,029.0	A
Uncultivated ag	glyphosate, isopropylamine salt	166.33	3	177.0	A
Uncultivated ag	glyphosate, potassium salt	3,421.86	25	1,560.0	A
Uncultivated ag	methylated soybean oil	197.16	19	1,233.0	A
Uncultivated ag	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	1.14	1	5.0	A
Uncultivated ag	polyacrylamide polymer	0.85	2	73.0	A
Uncultivated ag	polyethoxylated castor oil	23.69	4	204.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Uncultivated ag	polyoxyethylene polyol fatty acid esters	86.27	10	735.0	A
Uncultivated ag	poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	2.43	4	204.0	A
Uncultivated ag	polyoxyethylene sorbitan monolaurate	24.01	1	90.0	A
Uncultivated ag	silica filled polydimethylsiloxane	0.01	1	90.0	A
Uncultivated ag	tall oil fatty acids	16.4	4	204.0	A
Uncultivated ag	tribenuron-methyl	2.38	2	165.0	A
Uncultivated ag	sodium lauryl ether sulfate	5.28	2	73.0	A
Uncultivated non-ag	2,4-d	12.45	1	82.0	A
Uncultivated non-ag	2,4-d, butoxyethanol ester	22.1	1	82.0	A
Uncultivated non-ag	glyphosate, potassium salt	226.19	1	82.0	A
Vegetables, leafy	alpha-pinene beta-pinene copolymer	6.16	2	73.33	A
Vegetables, leafy	azadirachtin	2.35	4	148.14	A
Vegetables, leafy	bacillus amyloliquefaciens strain d747	740.8	8	202.85	A
Vegetables, leafy	bacillus mycoides isolate j	1.96	2	19.58	A
Vegetables, leafy	bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	21.72	2	40.23	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Vegetables, leafy	beauveria bassiana strain gha	44.66	6	209.69	A
Vegetables, leafy	calcium chloride	14.43	17	544.32	A
Vegetables, leafy	chromobacterium subtsugae strain praa4-1	67.55	9	225.18	A
Vegetables, leafy	cinnamaldehyde	57.17	6	134.68	A
Vegetables, leafy	citric acid	40.07	17	544.32	A
Vegetables, leafy	copper hydroxide	8.84	4	41.14	A
Vegetables, leafy	copper oxychloride	9.8	4	41.14	A
Vegetables, leafy	alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	0.33	2	73.33	A
Vegetables, leafy	hydrogen peroxide	10.83	1	8.7	A
Vegetables, leafy	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	58.37	10	262.54	A
Vegetables, leafy	mineral oil	1.72	2	73.33	A
Vegetables, leafy	peroxyacetic acid	0.8	1	8.7	A
Vegetables, leafy	potash soap	64.71	1	59.27	A
Vegetables, leafy	pyrethrins	15.56	14	400.79	A
Vegetables, leafy	spinosad	28.81	10	318.91	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Vegetables, leafy	trichoderma harzianum rifai strain krl-ag2	0.13	1	11.0	A
Water area	acrolein	53.62	1	5.0	A
Wheat	alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	19.76	8	404.1	A
Wheat	alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	2.18	2	116.0	A
Wheat	aluminum phosphide	165.0	N/A	1,292,000.0	P
Wheat	aluminum phosphide	220.0	N/A	840.0	T
Wheat	azoxystrobin	23.6	3	239.0	A
Wheat	benzoic acid	11.39	42	2,619.0	A
Wheat	bromoxynil octanoate	71.56	3	166.0	A
Wheat	butyl lactate	46.26	41	2,477.0	A
Wheat	chlorantraniliprole	0.99	1	75.0	A
Wheat	citric acid	2.45	5	269.0	A
Wheat	2,4-d	28.73	4	149.0	A
Wheat	2,4-d, butoxyethanol ester	51.01	4	149.0	A
Wheat	2,4-d, dimethylamine salt	1,692.11	30	1,921.6	A
Wheat	dicamba, dimethylamine salt	54.16	7	347.5	A
Wheat	diglycolamine salt of 3,6-dichloro-o-anisic acid	220.55	29	1,802.0	A
Wheat	dimethyl alkyl tertiary amines	12.44	42	2,619.0	A
Wheat	flupyradifurone	16.18	3	100.0	A
Wheat	fluroxypyr, 1-methylheptyl ester	28.31	3	166.0	A
Wheat	glyphosate, potassium salt	422.03	3	182.0	A
Wheat	lambda-cyhalothrin	9.71	5	315.0	A
Wheat	mcpa, dimethylamine salt	360.39	9	556.5	A
Wheat	mcpa, 2-ethyl hexyl ester	76.67	3	166.0	A
Wheat	methylated soybean oil	435.3	42	2,619.0	A
Wheat	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	69.16	8	404.1	A
Wheat	pinoxaden	18.97	4	361.6	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Wheat	polyacrylamide, polyethylene glycol mixture	0.14	1	66.0	A
Wheat	polyacrylamide polymer	0.18	3	76.0	A
Wheat	polyoxyethylene polyol fatty acid esters	11.32	5	269.0	A
Wheat	polyoxyethylene sorbitan monolaurate	339.59	36	2,208.0	A
Wheat	propiconazole	20.46	3	239.0	A
Wheat	silica filled polydimethylsiloxane	0.19	36	2,208.0	A
Wheat	tribenuron-methyl	9.1	11	815.6	A
Wheat	sodium lauryl ether sulfate	1.82	2	116.0	A