

# 2022 Annual Statewide Pesticide Use Report Indexed by Commodity San Bernardino County

[Text files](https://files.cdpr.ca.gov/pub/outgoing/pur/data/) 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
Airport	Glufosinate-ammonium	13.79	N/A	18.0	A
Airport	Glyphosate, isopropylamine salt	89.72	N/A	18.0	A
Airport	Isoxaben	10.5	N/A	8.0	A
Alfalfa	Alkyl (c8,c10) polyglucoside	32.17	1	218.0	A
Alfalfa	Allethrin	0.1	1	12.0	A
Alfalfa	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	55.95	10	958.0	A
Alfalfa	Alpha-(para-tert-butylphenyl)-omega-hydroxypoly(oxyethylene) phosphate	15.54	10	1,250.0	A
Alfalfa	Ammonium sulfate	543.4	8	823.0	A
Alfalfa	Bromoxynil heptanoate	81.73	3	275.0	A
Alfalfa	Bromoxynil octanoate	84.76	3	275.0	A
Alfalfa	Chlorantraniliprole	13.86	9	1,260.0	A
Alfalfa	Clethodim	85.57	6	333.0	A
Alfalfa	Dimethylpolysiloxane	0.25	7	605.0	A
Alfalfa	Diuron	610.93	7	470.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Alfalfa	Fatty acids, methyl esters	152.99	4	118.0	A
Alfalfa	Flumioxazin	9.56	2	75.0	A
Alfalfa	Flupyradifurone	91.22	4	500.0	A
Alfalfa	Glycerol	123.85	6	840.0	A
Alfalfa	Glyphosate, isopropylamine salt	540.58	5	270.0	A
Alfalfa	Glyphosate, potassium salt	1,875.53	15	1,005.0	A
Alfalfa	Hexazinone	55.44	2	120.0	A
Alfalfa	Imazamox, ammonium salt	1.9	2	55.0	A
Alfalfa	Imazethapyr, ammonium salt	3.98	1	60.0	A
Alfalfa	Indoxacarb	29.03	5	345.0	A
Alfalfa	Lambda-cyhalothrin	18.47	6	700.0	A
Alfalfa	N-octyl bicycloheptene dicarboximide	0.32	1	12.0	A
Alfalfa	Pendimethalin	620.92	4	340.0	A
Alfalfa	Petroleum distillates	38.12	1	12.0	A
Alfalfa	Piperonyl butoxide	0.15	1	12.0	A
Alfalfa	Piperonyl butoxide, other related	0.04	1	12.0	A
Alfalfa	Sodium xylene sulfonate	18.89	6	840.0	A
Animal premise	Alkyl (50% <sup>c</sup> 14, 40% <sup>c</sup> 12, 10% <sup>c</sup> 16) dimethylbenzyl ammonium chloride	92.29	24	29.0	U
Animal premise	Didecyl dimethyl ammonium chloride	42.2	24	29.0	U
Animal premise	Dinotefuran	0.06	9	9.0	U
Animal premise	Glutaraldehyde	58.02	24	29.0	U
Animal premise	Muscalure	<0.01	9	9.0	U
Animal premise	Permethrin	16.69	N/A	27.0	U
Animal premise	Piperonyl butoxide	16.69	N/A	27.0	U
Apple	Methoxyfenozide	2.82	5	15.0	A
Apple	Mineral oil	83.35	6	18.0	A
Apple	Myclobutanil	0.15	3	1.98	A
Apple	Phosmet	10.5	3	9.0	A
Apple	Spinetoram	0.25	2	6.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Apple	Spinosad	0.37	3	1.98	A
Apple	Sulfur	7.2	3	9.0	A
Apple	Thiamethoxam	<0.01	1	0.02	A
Avocado	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	4.87	5	7.68	A
Avocado	Alpha-tridecyl-omega-hydroxypoly(oxyethanol) phosphate	1.7	9	42.88	A
Avocado	Aluminum phosphide	6.28	4	27.0	A
Avocado	Citric acid	2.12	9	42.88	A
Avocado	Fatty acids, mixed	0.97	5	7.68	A
Avocado	Gibberellins	2.98	4	56.5	A
Avocado	Glyphosate, isopropylamine salt	19.65	2	24.0	A
Avocado	Glyphosate, potassium salt	466.77	52	433.48	A
Avocado	Kaolin	47.5	1	12.0	A
Avocado	N,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	1.84	9	42.88	A
Avocado	Oxathiapiprolin	7.52	15	122.0	A
Avocado	Paraquat dichloride	3.81	10	13.04	A
Avocado	Polyalkene oxide modified heptamethyl trisiloxane	12.56	8	33.86	A
Avocado	Polyalkyleneoxide modified polydimethyl-siloxane	11.13	1	28.0	A
Avocado	Simazine	5.57	10	13.04	A
Avocado	Strychnine	0.25	8	64.2	A
Avocado	Urea dihydrogen sulfate	1.02	9	42.88	A
Basil, sweet	Abamectin	0.1	12	7.96	A
Basil, sweet	Azadirachtin	0.12	9	8.06	A
Basil, sweet	Azoxystrobin	13.34	82	84.3	A
Basil, sweet	Bacillus amyloliquefaciens strain d747	28.57	8	7.79	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Basil, sweet	Bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	10.02	22	20.49	A
Basil, sweet	Copper octanoate	17.99	49	54.4	A
Basil, sweet	Cyprodinil	1.85	7	8.8	A
Basil, sweet	Fludioxonil	1.23	7	8.8	A
Basil, sweet	Imidacloprid	0.51	9	10.28	A
Basil, sweet	Mefenoxam	0.47	5	4.13	A
Basil, sweet	Methoxyfenozide	11.61	62	61.59	A
Basil, sweet	Piperonyl butoxide	4.83	13	12.15	A
Basil, sweet	Piperonyl butoxide, other related	1.21	13	12.15	A
Basil, sweet	Potassium bicarbonate	102.65	56	62.55	A
Basil, sweet	Pyrethrins	0.6	13	12.15	A
Basil, sweet	Qst 713 strain of dried bacillus subtilis	3.64	74	79.75	A
Basil, sweet	Spinosad	1.62	16	21.76	A
Cannabis (all or unspecified)	Alkyl (50% <sup>c14</sup> , 40% <sup>c12</sup> , 10% <sup>c16</sup> ) dimethylbenzyl ammonium chloride	0.54	2	0.2	A
Cannabis (all or unspecified)	Alkyl (60% <sup>c14</sup> , 30% <sup>c16</sup> , 5% <sup>c12</sup> , 5% <sup>c18</sup> ) dimethylbenzyl ammonium chloride	0.08	12	1.2	A
Cannabis (all or unspecified)	Alkyl (68% <sup>c12</sup> , 32% <sup>c14</sup> ) dimethylethylbenzyl ammonium chloride	0.08	12	1.2	A
Cannabis (all or unspecified)	Azadirachtin	0.22	23	2.3	A
Cannabis (all or unspecified)	Burkholderia rinojensis strain a396	37.6	11	1.1	A
Cannabis (all or unspecified)	Chromobacterium subtsugae strain praa4-1	8.96	22	2.2	A
Cannabis (all or unspecified)	Clarified hydrophobic extract of neem oil	134.84	187	46.75	A
Cannabis (all or unspecified)	Clarified hydrophobic extract of neem oil	31.35	70	496,720.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Cannabis (all or unspecified)	Didecyl dimethyl ammonium chloride	0.81	2	0.2	A
Cannabis (all or unspecified)	Hydrogen peroxide	116.61	176	44.0	A
Cannabis (all or unspecified)	Mineral oil	64.95	31	3.1	A
Cannabis (all or unspecified)	Peroxyacetic acid	8.31	157	39.25	A
Cannabis (all or unspecified)	Potash soap	10.94	6	0.6	A
Cannabis (all or unspecified)	Potassium phosphite	10.18	19	4.75	A
Chive	Azoxystrobin	1.35	13	8.8	A
Chive	Bacillus amyloliquefaciens strain d747	1.72	1	0.6	A
Chive	Bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	0.2	1	0.6	A
Chive	Cyprodinil	0.23	2	1.0	A
Chive	Fludioxonil	0.16	2	1.0	A
Chive	Methoxyfenozide	0.12	1	0.75	A
Chive	Piperonyl butoxide	4.03	14	9.3	A
Chive	Piperonyl butoxide, other related	1.01	14	9.3	A
Chive	Pyrethrins	0.5	14	9.3	A
Chive	Qst 713 strain of dried bacillus subtilis	0.35	11	7.45	A
Chive	Spinosad	0.62	12	7.95	A
Chive	Sulfur	1.35	1	0.75	A
Citrus	Abamectin	<0.01	1	0.1	A
Citrus	Beta-cyfluthrin	0.12	25	4.19	A
Citrus	Bromacil	2.4	1	2.0	A
Citrus	Carbaryl	1.89	6	30,344.0	S
Citrus	Cyantraniliprole	0.01	1	0.1	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Citrus	Diuron	2.4	1	2.0	A
Citrus	Fenpropathrin	0.1	1	0.35	A
Citrus	Flupyradifurone	0.01	1	0.1	A
Citrus	Imidacloprid	3.97	6	30,344.0	S
Citrus	Mineral oil	0.69	1	0.1	A
Citrus	Spirotetramat	0.46	22	3.65	A
Commodity fumigation	Aluminum phosphide	4,875.65	N/A	N/A	N/A
Commodity fumigation	Ddvp	0.67	N/A	N/A	N/A
Commodity fumigation	Esfenvalerate	1.88	N/A	N/A	N/A
Commodity fumigation	Magnesium phosphide	1.24	N/A	N/A	N/A
Commodity fumigation	Methyl bromide	171.0	N/A	N/A	N/A
Commodity fumigation	N-octyl bicycloheptene dicarboximide	26.94	N/A	N/A	N/A
Commodity fumigation	Piperonyl butoxide	15.02	N/A	N/A	N/A
Commodity fumigation	Piperonyl butoxide, other related	3.76	N/A	N/A	N/A
Commodity fumigation	Pyrethrins	9.39	N/A	N/A	N/A
Commodity fumigation	Pyriproxyfen	0.94	N/A	N/A	N/A
Corn (forage - fodder)	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	70.54	20	592.82	A
Corn (forage - fodder)	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	48.88	35	1,162.32	A
Corn (forage - fodder)	Alpha-alkyl (c9-c16)-omega-hydroxypoly(oxyethylene)	9.01	1	40.0	A
Corn (forage - fodder)	Ammonium propionate	53.69	15	569.5	A
Corn (forage - fodder)	Ammonium sulfate	13.42	15	569.5	A
Corn (forage - fodder)	Citric acid	26.85	15	569.5	A
Corn (forage - fodder)	Dicamba, dimethylamine salt	47.78	5	158.5	A
Corn (forage - fodder)	Diphacinone	<0.01	1	20.0	A
Corn (forage - fodder)	Glyphosate, isopropylamine salt	1,330.09	28	975.82	A
Corn (forage - fodder)	Glyphosate, potassium salt	392.68	11	291.0	A
Corn (forage - fodder)	Lecithin	9.01	1	40.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Corn (forage - fodder)	Mineral oil	694.57	20	592.82	A
Corn (forage - fodder)	N,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	9.96	20	592.82	A
Corn (forage - fodder)	Oleic acid, methyl ester	42.04	1	40.0	A
Corn (forage - fodder)	Sodium polyacrylate	1.34	15	569.5	A
Corn (forage - fodder)	Tall oil fatty acids	40.42	20	592.82	A
Corn (forage - fodder)	Tembotrione	51.39	21	632.82	A
Dill	Azoxystrobin	0.86	10	5.25	A
Dill	Methoxyfenozide	0.23	3	1.25	A
Dill	Piperonyl butoxide	2.24	9	5.05	A
Dill	Piperonyl butoxide, other related	0.56	9	5.05	A
Dill	Potassium bicarbonate	1.28	1	0.75	A
Dill	Pyrethrins	0.28	9	5.05	A
Dill	Qst 713 strain of dried bacillus subtilis	0.11	6	2.65	A
Dill	Spinosad	0.05	1	0.85	A
Dill	Sulfur	9.79	10	5.25	A
Food processing plant	Sodium hypochlorite	269.89	N/A	3.0	U
Forage hay/silage	2,4-d, 2-ethylhexyl ester	63.33	1	110.0	A
Forage hay/silage	2,4-d, dimethylamine salt	135.67	1	120.0	A
Forage hay/silage	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	6.66	1	120.0	A
Forage hay/silage	Dicamba	13.69	1	110.0	A
Forage hay/silage	Diglycolamine salt of 3,6-dichloro-o-anisic acid	45.37	1	60.0	A
Forage hay/silage	Fatty acids, methyl esters	104.31	1	120.0	A
Forage hay/silage	Glyphosate, isopropylamine salt	220.04	1	110.0	A
Forage hay/silage	Glyphosate, potassium salt	220.74	1	120.0	A
Forage hay/silage	Imazethapyr, ammonium salt	7.94	1	120.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Forest, timberland	Alpha-(para-nonylphenyl)-omega-hydroxypoly (oxyethylene) sulfate, ammonium salt	0.01	N/A	25.0	A
Forest, timberland	Glyphosate, dimethylamine salt	5.0	N/A	25.0	A
Forest, timberland	Petroleum oil, paraffin based	2.14	N/A	25.0	A
Forest, timberland	Polyoxyethylene sorbitan mixed fatty acid esters	0.33	N/A	25.0	A
Forest, timberland	Sorbitan fatty acid esters	0.07	N/A	25.0	A
Forest, timberland	Triclopyr choline	2.83	N/A	25.0	A
Fumigation, other	1-methylcyclopropene	0.4	N/A	N/A	N/A
Fumigation, other	Aluminum phosphide	5.78	N/A	N/A	N/A
Fumigation, other	Ddvp	5.38	N/A	N/A	N/A
Fumigation, other	Ddvp, other related	0.41	N/A	N/A	N/A
Fumigation, other	Sulfuryl fluoride	289.42	N/A	N/A	N/A
Golf course turf	2,4-d, 2-ethylhexyl ester	1.17	N/A	3.0	A
Golf course turf	2,4-d, 2-ethylhexyl ester	1.77	N/A	144,000.0	S
Golf course turf	2,4-dp-p, isooctyl ester	0.67	N/A	3.0	A
Golf course turf	Abamectin	0.18	1	2.0	A
Golf course turf	Acibenzolar-s-methyl	1.43	N/A	77.9	A
Golf course turf	Acibenzolar-s-methyl	0.21	N/A	550,000.0	S
Golf course turf	Aluminum phosphide	8.49	14	957.0	A
Golf course turf	Azoxystrobin	21.22	3	54.3	A
Golf course turf	Azoxystrobin	2.34	N/A	220,000.0	S
Golf course turf	Benzovindiflupyr	0.79	N/A	5.1	A
Golf course turf	Carfentrazone-ethyl	0.06	N/A	3.0	A
Golf course turf	Carfentrazone-ethyl	0.09	N/A	144,000.0	S
Golf course turf	Chlorantraniliprole	9.76	2	60.0	A
Golf course turf	Chlorothalonil	967.13	2	72.7	A
Golf course turf	Chlorothalonil	78.55	N/A	330,000.0	S
Golf course turf	Clopyralid, monoethanolamine salt	<0.01	N/A	1.0	A



Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Golf course turf	Clopyralid, monoethanolamine salt	0.07	N/A	9,000.0	S
Golf course turf	Clothianidin	0.5	N/A	2.0	A
Golf course turf	Cyazofamid	2.32	N/A	4.0	A
Golf course turf	Cyazofamid	4.21	N/A	220,000.0	S
Golf course turf	Dicamba	0.08	N/A	3.0	A
Golf course turf	Dicamba	0.11	N/A	144,000.0	S
Golf course turf	Difenoconazole	2.63	N/A	5.1	A
Golf course turf	Ethephon	292.72	10	71.5	A
Golf course turf	Fluazinam	40.32	1	39.7	A
Golf course turf	Fluazinam	3.54	N/A	220,000.0	S
Golf course turf	Fludioxonil	9.46	N/A	44.0	A
Golf course turf	Fludioxonil	3.57	N/A	220,000.0	S
Golf course turf	Flurprimidol	12.2	N/A	83.69	A
Golf course turf	Flutolanil	9.43	N/A	5.1	A
Golf course turf	Fluxapyroxad	1.18	N/A	5.1	A
Golf course turf	Foramsulfuron	0.33	N/A	4.75	A
Golf course turf	Fosetyl-al	48.4	N/A	6.0	A
Golf course turf	Fosetyl-al	66.0	N/A	330,000.0	S
Golf course turf	Glufosinate-ammonium	0.84	N/A	2.0	A
Golf course turf	Glyphosate, isopropylamine salt	32.94	N/A	9.7	A
Golf course turf	Glyphosate, isopropylamine salt	5.7	N/A	28,000.0	S
Golf course turf	Glyphosate, potassium salt	13.79	N/A	3.4	A
Golf course turf	Glyphosate, potassium salt	4.0	N/A	5,000.0	S
Golf course turf	Halosulfuron-methyl	0.06	N/A	1.0	A
Golf course turf	Imidacloprid	17.59	N/A	86.0	A
Golf course turf	Indaziflam	0.95	N/A	25.6	A
Golf course turf	Indoxacarb	0.23	N/A	3.0	A
Golf course turf	Iprodione	36.98	5	12.0	A
Golf course turf	Mancozeb	1,590.85	15	95.0	A
Golf course turf	Mecoprop-p	0.45	N/A	144,000.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Golf course turf	Mefenoxam	17.4	4	23.0	A
Golf course turf	Mefenoxam, other related	0.57	4	23.0	A
Golf course turf	Mefentrifluconazole	10.31	N/A	14.2	A
Golf course turf	Mefentrifluconazole	9.37	N/A	550,000.0	S
Golf course turf	Mineral oil	2,563.1	N/A	176.0	A
Golf course turf	Pendimethalin	8.83	N/A	12.1	A
Golf course turf	Pendimethalin	1.2	N/A	28,000.0	S
Golf course turf	Penthiopyrad	27.06	5	38.4	A
Golf course turf	Polyoxin d, zinc salt	5.97	2	20.2	A
Golf course turf	Prodiamine	21.69	N/A	36.0	A
Golf course turf	Propamocarb hydrochloride	29.43	N/A	8.0	A
Golf course turf	Propamocarb hydrochloride	15.47	N/A	110,000.0	S
Golf course turf	Propiconazole	69.04	9	85.4	A
Golf course turf	Propiconazole	3.48	N/A	110,000.0	S
Golf course turf	Pyraclostrobin	11.88	3	26.2	A
Golf course turf	Pyraclostrobin	2.46	N/A	220,000.0	S
Golf course turf	Siduron	12.0	N/A	4.0	A
Golf course turf	Sulfentrazone	0.04	N/A	5,000.0	S
Golf course turf	Tebuconazole	190.1	5	186.0	A
Golf course turf	Tebuconazole	6.94	N/A	220,000.0	S
Golf course turf	Thiophanate-methyl	594.54	3	96.0	A
Golf course turf	Triadimefon	9.95	N/A	8.0	A
Golf course turf	Triadimefon	3.42	N/A	110,000.0	S
Golf course turf	Triclopyr, butoxyethyl ester	92.54	N/A	126.1	A
Golf course turf	Triclopyr, butoxyethyl ester	2.13	N/A	28,000.0	S
Golf course turf	Trifloxystrobin	1.99	N/A	8.0	A
Golf course turf	Trifloxystrobin	0.68	N/A	110,000.0	S
Golf course turf	Trinexapac-ethyl	81.72	8	742.49	A
Golf course turf	Trinexapac-ethyl	0.25	N/A	220,000.0	S
Golf course turf	Triticonazole	3.45	N/A	3.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape	Acetamiprid	1.23	2	14.5	A
Grape	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	0.86	1	3.64	A
Grape	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	2.1	2	7.28	A
Grape	Ammonium propionate	2.73	1	3.64	A
Grape	Ammonium sulfate	0.68	1	3.64	A
Grape	Citric acid	1.37	1	3.64	A
Grape	Diphacinone	<0.01	2	1.0	A
Grape	Glufosinate-ammonium	3.81	2	4.14	A
Grape	Glyphosate, potassium salt	1.45	1	0.5	A
Grape	Imidacloprid	<0.01	2	1.0	A
Grape	Mineral oil	8.49	1	3.64	A
Grape	Myclobutanil	0.2	1	1.5	A
Grape	N,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	0.12	1	3.64	A
Grape	Pendimethalin	13.79	1	3.64	A
Grape	Quinoxifen	<0.01	1	0.06	A
Grape	Sodium polyacrylate	0.07	1	3.64	A
Grape	Sulfur	849.7	10	89.9	A
Grape	Tall oil fatty acids	0.49	1	3.64	A
Grapefruit	2,4-d, isopropyl ester	1.72	6	22.5	A
Grapefruit	Abamectin	1.2	12	57.3	A
Grapefruit	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	3.31	6	15.85	A
Grapefruit	Alpha-alkyl (c12-c15)-omega-hydroxypoly(oxyethylene) sulfate, sodium salt	1.31	6	22.5	A
Grapefruit	Ammonium sulfate	11.44	6	15.85	A
Grapefruit	Azadirachtin	0.03	2	4.7	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grapefruit	Beta-cyfluthrin	0.25	5	12.17	A
Grapefruit	Citric acid	0.64	6	15.85	A
Grapefruit	Coconut diethanolamide	5.95	6	22.5	A
Grapefruit	Copper hydroxide	66.02	5	21.5	A
Grapefruit	Cuprous oxide	12.42	2	4.7	A
Grapefruit	Cyantraniliprole	2.26	4	21.5	A
Grapefruit	Cyfluthrin	0.36	2	11.0	A
Grapefruit	Dimethylpolysiloxane	0.15	2	4.7	A
Grapefruit	Fenpropathrin	7.04	6	22.5	A
Grapefruit	Glufosinate-ammonium	<0.01	1	200.0	S
Grapefruit	Glyphosate, isopropylamine salt	0.4	1	200.0	S
Grapefruit	Glyphosate, potassium salt	143.26	12	44.1	A
Grapefruit	Imidacloprid	9.61	3	19.0	A
Grapefruit	Indaziflam	0.98	2	15.0	A
Grapefruit	Lauric acid	1.19	6	22.5	A
Grapefruit	Mesotrione	1.41	2	15.0	A
Grapefruit	Methylated soybean oil	17.66	6	15.85	A
Grapefruit	Mineral oil	528.45	12	57.3	A
Grapefruit	Oxathiapiprolin	0.59	3	19.0	A
Grapefruit	Petroleum oil, unclassified	34.73	1	5.0	A
Grapefruit	Phosphoric acid	3.54	6	15.85	A
Grapefruit	Polyacrylic polymer	0.32	6	15.85	A
Grapefruit	Polyalkene oxide modified heptamethyl trisiloxane	0.88	6	15.85	A
Grapefruit	Polyoxyethylene polyoxypropylene	0.59	2	4.7	A
Grapefruit	Propylene glycol	2.02	6	22.5	A
Grapefruit	Saflufenacil	0.69	6	15.85	A
Grapefruit	Spirotetramat	6.22	8	42.5	A
Grapefruit	Strychnine	0.15	9	67.0	A
Grapefruit	Thiamethoxam	0.15	2	2.34	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Industrial processing water	2,2-dibromo-3-nitrilopropionamide	531.35	N/A	4.0	U
Industrial waste disposal systems, disposal water	Dichlobenil	4.83	N/A	240.0	U
Industrial waste disposal systems, disposal water	Metam-sodium	2.9	N/A	240.0	U
Landscape maintenance	2,4-d, 2-ethylhexyl ester	0.69	1	20.0	A
Landscape maintenance	2,4-d, 2-ethylhexyl ester	694.64	N/A	N/A	N/A
Landscape maintenance	2,4-d, dimethylamine salt	285.39	N/A	N/A	N/A
Landscape maintenance	2,4-d, triisopropanolamine salt	56.42	N/A	N/A	N/A
Landscape maintenance	2,4-dp-p, isooctyl ester	194.7	N/A	N/A	N/A
Landscape maintenance	4-aminopyridine	0.02	N/A	N/A	N/A
Landscape maintenance	Abamectin	0.69	N/A	N/A	N/A
Landscape maintenance	Acephate	3.34	N/A	N/A	N/A
Landscape maintenance	Acetamiprid	0.08	N/A	N/A	N/A
Landscape maintenance	Acibenzolar-s-methyl	0.27	N/A	N/A	N/A
Landscape maintenance	Alkyl (50%c14, 40%c12, 10%c16) dimethylbenzyl ammonium chloride	0.05	N/A	N/A	N/A
Landscape maintenance	Alkyl (c8,c10) polyglucoside	16.67	N/A	N/A	N/A
Landscape maintenance	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	363.96	N/A	N/A	N/A
Landscape maintenance	Alpha-alkylaryl-omega-hydroxypoly(oxyethylene)	6.21	N/A	N/A	N/A
Landscape maintenance	Alpha-pinene beta-pinene copolymer	1.32	N/A	N/A	N/A
Landscape maintenance	Alpha-undecyl-omega-hydroxypoly(oxyethylene)	77.3	N/A	N/A	N/A
Landscape maintenance	Alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	12.73	N/A	N/A	N/A
Landscape maintenance	Aluminum phosphide	1,238.31	N/A	N/A	N/A
Landscape maintenance	Aminocyclopyrachlor, potassium salt	30.05	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	Aminopyralid, triisopropanolamine salt	183.9	N/A	N/A	N/A
Landscape maintenance	Ammonium nitrate	0.15	N/A	N/A	N/A
Landscape maintenance	Ammonium sulfate	10.94	N/A	N/A	N/A
Landscape maintenance	Azoxystrobin	20.05	N/A	N/A	N/A
Landscape maintenance	Bacillus thuringiensis (berliner)	0.02	N/A	N/A	N/A
Landscape maintenance	Bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	0.11	N/A	N/A	N/A
Landscape maintenance	Beauveria bassiana strain gha	0.63	N/A	N/A	N/A
Landscape maintenance	Benzenesulfonic acid, c10-16-alkyl derivatives	2.14	N/A	N/A	N/A
Landscape maintenance	Beta-cyfluthrin	2.98	N/A	N/A	N/A
Landscape maintenance	Bifenazate	0.07	N/A	N/A	N/A
Landscape maintenance	Bifenthrin	81.15	N/A	N/A	N/A
Landscape maintenance	Boric acid	17.62	N/A	N/A	N/A
Landscape maintenance	Bromacil	22.35	N/A	N/A	N/A
Landscape maintenance	Bromadiolone	<0.01	N/A	N/A	N/A
Landscape maintenance	Bromethalin	0.07	N/A	N/A	N/A
Landscape maintenance	Buprofezin	0.56	N/A	N/A	N/A
Landscape maintenance	Butyl alcohol	1.17	N/A	N/A	N/A
Landscape maintenance	Butyl lactate	0.13	N/A	N/A	N/A
Landscape maintenance	Carbaryl	52.67	N/A	N/A	N/A
Landscape maintenance	Carbon	5.74	N/A	N/A	N/A
Landscape maintenance	Carfentrazone-ethyl	0.02	1	20.0	A
Landscape maintenance	Carfentrazone-ethyl	34.39	N/A	N/A	N/A
Landscape maintenance	Chlorantraniliprole	2.98	N/A	N/A	N/A
Landscape maintenance	Chlorflurenol, methyl ester	0.09	N/A	N/A	N/A
Landscape maintenance	Chlorophacinone	0.27	N/A	N/A	N/A
Landscape maintenance	Chlorothalonil	475.97	N/A	N/A	N/A
Landscape maintenance	Chlorsulfuron	46.93	N/A	N/A	N/A
Landscape maintenance	Citric acid	2.18	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	Clarified hydrophobic extract of neem oil	3.54	N/A	N/A	N/A
Landscape maintenance	Clethodim	5.4	N/A	N/A	N/A
Landscape maintenance	Clopyralid, monoethanolamine salt	24.61	N/A	N/A	N/A
Landscape maintenance	Clothianidin	0.54	N/A	N/A	N/A
Landscape maintenance	Coconut diethanolamide	2.51	N/A	N/A	N/A
Landscape maintenance	Copper	521.34	N/A	N/A	N/A
Landscape maintenance	Copper ammonium carbonate	165.26	N/A	N/A	N/A
Landscape maintenance	Copper hydroxide	0.82	N/A	N/A	N/A
Landscape maintenance	Copper salts of fatty and rosin acids	0.72	N/A	N/A	N/A
Landscape maintenance	Copper sulfate (anhydrous)	1.48	N/A	N/A	N/A
Landscape maintenance	Copper sulfate (pentahydrate)	150.46	N/A	N/A	N/A
Landscape maintenance	Cyazofamid	4.04	N/A	N/A	N/A
Landscape maintenance	Cyfluthrin	0.16	N/A	N/A	N/A
Landscape maintenance	Cypermethrin	46.1	N/A	N/A	N/A
Landscape maintenance	D-trans allethrin	<0.01	N/A	N/A	N/A
Landscape maintenance	Dazomet	841.5	N/A	N/A	N/A
Landscape maintenance	Deltamethrin	0.24	N/A	N/A	N/A
Landscape maintenance	Dicamba	0.04	1	20.0	A
Landscape maintenance	Dicamba	79.12	N/A	N/A	N/A
Landscape maintenance	Dicamba, dimethylamine salt	44.85	N/A	N/A	N/A
Landscape maintenance	Dichlobenil	0.01	N/A	N/A	N/A
Landscape maintenance	Didecyl dimethyl ammonium chloride	0.02	N/A	N/A	N/A
Landscape maintenance	Diethylene glycol	18.88	N/A	N/A	N/A
Landscape maintenance	Diglycolamine salt of 3,6-dichloro-o-anisic acid	19.95	N/A	N/A	N/A
Landscape maintenance	Dikegulac sodium	213.97	N/A	N/A	N/A
Landscape maintenance	Dimethylpolysiloxane	0.19	N/A	N/A	N/A
Landscape maintenance	Dinotefuran	7.96	N/A	N/A	N/A
Landscape maintenance	Diocetyl dimethyl ammonium chloride	0.02	N/A	N/A	N/A
Landscape maintenance	Diphacinone	1.1	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	Diphacinone, sodium salt	<0.01	N/A	N/A	N/A
Landscape maintenance	Diquat dibromide	557.24	N/A	N/A	N/A
Landscape maintenance	Disodium octaborate tetrahydrate	27,004.88	N/A	N/A	N/A
Landscape maintenance	Dithiopyr	515.75	N/A	N/A	N/A
Landscape maintenance	Diuron	112.8	N/A	N/A	N/A
Landscape maintenance	Dodecylbenzene sulfonic acid	10.88	N/A	N/A	N/A
Landscape maintenance	Edta, tetrasodium salt	0.67	N/A	N/A	N/A
Landscape maintenance	Emamectin benzoate	1.29	N/A	N/A	N/A
Landscape maintenance	Ethanolamine	0.39	N/A	N/A	N/A
Landscape maintenance	Ethephon	40.34	N/A	N/A	N/A
Landscape maintenance	Ethofumesate	13.37	N/A	N/A	N/A
Landscape maintenance	Fatty acids, mixed	11.17	N/A	N/A	N/A
Landscape maintenance	Fenpropathrin	0.46	N/A	N/A	N/A
Landscape maintenance	Ferric sodium edta	0.11	N/A	N/A	N/A
Landscape maintenance	Fipronil	0.03	N/A	N/A	N/A
Landscape maintenance	Flazasulfuron	0.04	N/A	N/A	N/A
Landscape maintenance	Flonicamid	0.02	N/A	N/A	N/A
Landscape maintenance	Fluazifop-butyl	0.19	N/A	N/A	N/A
Landscape maintenance	Fluazifop-p-butyl	20.83	N/A	N/A	N/A
Landscape maintenance	Fluazinam	13.24	N/A	N/A	N/A
Landscape maintenance	Flumioxazin	5.05	N/A	N/A	N/A
Landscape maintenance	Flupyradifurone	0.03	N/A	N/A	N/A
Landscape maintenance	Flurecol-methyl	0.02	N/A	N/A	N/A
Landscape maintenance	Fluridone	1.51	N/A	N/A	N/A
Landscape maintenance	Fluroxypyr, 1-methylheptyl ester	69.87	N/A	N/A	N/A
Landscape maintenance	Flurprimidol	6.41	N/A	N/A	N/A
Landscape maintenance	Flutolanil	37.8	N/A	N/A	N/A
Landscape maintenance	Fluxapyroxad	3.75	N/A	N/A	N/A
Landscape maintenance	Foramsulfuron	0.46	N/A	N/A	N/A
Landscape maintenance	Fosetyl-al	17.6	N/A	N/A	N/A



Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	Glufosinate-ammonium	611.09	N/A	N/A	N/A
Landscape maintenance	Glycerol	103.42	N/A	N/A	N/A
Landscape maintenance	Glyphosate, dimethylamine salt	185.96	N/A	N/A	N/A
Landscape maintenance	Glyphosate, isopropylamine salt	72.76	47	574.75	A
Landscape maintenance	Glyphosate, isopropylamine salt	21,643.43	N/A	N/A	N/A
Landscape maintenance	Glyphosate, monoammonium salt	249.31	N/A	N/A	N/A
Landscape maintenance	Glyphosate, potassium salt	9,804.51	N/A	N/A	N/A
Landscape maintenance	Halosulfuron-methyl	18.68	N/A	N/A	N/A
Landscape maintenance	Hydramethylnon	0.27	N/A	N/A	N/A
Landscape maintenance	Imazapyr, isopropylamine salt	295.95	N/A	N/A	N/A
Landscape maintenance	Imidacloprid	125.74	N/A	N/A	N/A
Landscape maintenance	Indaziflam	5.37	N/A	N/A	N/A
Landscape maintenance	Indoxacarb	<0.01	N/A	N/A	N/A
Landscape maintenance	Iodosulfuron-methyl-sodium	0.01	N/A	N/A	N/A
Landscape maintenance	Iprodione	5.0	N/A	N/A	N/A
Landscape maintenance	Iron phosphate	2.1	N/A	N/A	N/A
Landscape maintenance	Isopropyl alcohol	5.5	N/A	N/A	N/A
Landscape maintenance	Isopropylamine dodecylbenzene sulfonate	0.71	N/A	N/A	N/A
Landscape maintenance	Isoxaben	20.33	N/A	N/A	N/A
Landscape maintenance	Lambda-cyhalothrin	0.53	N/A	N/A	N/A
Landscape maintenance	Lecithin	175.85	N/A	N/A	N/A
Landscape maintenance	Malathion	2.52	N/A	N/A	N/A
Landscape maintenance	Mancozeb	327.7	N/A	N/A	N/A
Landscape maintenance	Mcpa, 2-ethyl hexyl ester	<0.01	N/A	N/A	N/A
Landscape maintenance	Mcpa, dimethylamine salt	335.86	N/A	N/A	N/A
Landscape maintenance	Mcpa, isooctyl ester	261.25	N/A	N/A	N/A
Landscape maintenance	Mcpp, dimethylamine salt	0.37	N/A	N/A	N/A
Landscape maintenance	Mcpp-p, dimethylamine salt	129.7	N/A	N/A	N/A
Landscape maintenance	Mecoprop-p	0.14	1	20.0	A
Landscape maintenance	Mecoprop-p	57.52	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	Mefenoxam	10.08	N/A	N/A	N/A
Landscape maintenance	Mefenoxam, other related	0.22	N/A	N/A	N/A
Landscape maintenance	Mefentrifluconazole	8.18	N/A	N/A	N/A
Landscape maintenance	Mefluidide, diethanolamine salt	0.41	N/A	N/A	N/A
Landscape maintenance	Mesotrione	1.19	N/A	N/A	N/A
Landscape maintenance	Metaflumizone	<0.01	N/A	N/A	N/A
Landscape maintenance	Metaldehyde	0.84	N/A	N/A	N/A
Landscape maintenance	Methyl-2,7-dichloro-9-hydroxyfluorene-9-carboxylate	0.02	N/A	N/A	N/A
Landscape maintenance	Methylated soybean oil	358.16	N/A	N/A	N/A
Landscape maintenance	Mineral oil	293.94	N/A	N/A	N/A
Landscape maintenance	Msm	61.0	N/A	N/A	N/A
Landscape maintenance	Myclobutanil	16.9	N/A	N/A	N/A
Landscape maintenance	N,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	0.06	N/A	N/A	N/A
Landscape maintenance	N-octyl bicycloheptene dicarboximide	<0.01	N/A	N/A	N/A
Landscape maintenance	Naa, ammonium salt	0.36	N/A	N/A	N/A
Landscape maintenance	Naphthalenesulfonic acid, formaldehyde condensate, sodium salt	0.15	N/A	N/A	N/A
Landscape maintenance	Nonanoic acid	4.73	30	343.5	A
Landscape maintenance	Nonanoic acid	5.28	N/A	N/A	N/A
Landscape maintenance	Nonanoic acid, other related	0.25	N/A	N/A	N/A
Landscape maintenance	Novaluron	0.11	N/A	N/A	N/A
Landscape maintenance	Octyl decyl dimethyl ammonium chloride	0.04	N/A	N/A	N/A
Landscape maintenance	Oleic acid, methyl ester	1.35	N/A	N/A	N/A
Landscape maintenance	Organosilicone, poly oxyalkylene ether copolymer	7.41	N/A	N/A	N/A
Landscape maintenance	Oryzalin	23.03	N/A	N/A	N/A
Landscape maintenance	Oxadiazon	15.4	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	Oxirane, 2-methyl-, polymer with oxirane, mono(2-ethylehexyl) ether	4.98	N/A	N/A	N/A
Landscape maintenance	Oxyfluorfen	8.47	N/A	N/A	N/A
Landscape maintenance	Oxytetracycline hydrochloride	0.19	N/A	N/A	N/A
Landscape maintenance	Oxytetracycline hydrochloride, other related	<0.01	N/A	N/A	N/A
Landscape maintenance	Paclobutrazol	35.09	N/A	N/A	N/A
Landscape maintenance	Pendimethalin	1,051.38	N/A	N/A	N/A
Landscape maintenance	Penoxsulam	0.18	N/A	N/A	N/A
Landscape maintenance	Penthiopyrad	16.69	N/A	N/A	N/A
Landscape maintenance	Permethrin	9.56	N/A	N/A	N/A
Landscape maintenance	Petroleum oil, unclassified	8.33	N/A	N/A	N/A
Landscape maintenance	Phosphoric acid	6.42	N/A	N/A	N/A
Landscape maintenance	Piperonyl butoxide	53.23	N/A	N/A	N/A
Landscape maintenance	Piperonyl butoxide, other related	13.26	N/A	N/A	N/A
Landscape maintenance	Polyacrylamide polymer	0.03	N/A	N/A	N/A
Landscape maintenance	Polyacrylic polymer	0.19	N/A	N/A	N/A
Landscape maintenance	Polyalkene oxide modified heptamethyl trisiloxane	1.71	N/A	N/A	N/A
Landscape maintenance	Polyoxyethylene sorbitan monolaurate	1.13	N/A	N/A	N/A
Landscape maintenance	Polyoxyethylene sorbitan monooleate	2.83	N/A	N/A	N/A
Landscape maintenance	Polyoxyethylene sorbitan trioleate	18.63	N/A	N/A	N/A
Landscape maintenance	Potash soap	14.69	N/A	N/A	N/A
Landscape maintenance	Potassium nitrate	16.18	N/A	N/A	N/A
Landscape maintenance	Potassium phosphite	79.71	N/A	N/A	N/A
Landscape maintenance	Prodiamine	883.83	N/A	N/A	N/A
Landscape maintenance	Prodiamine, other related	0.05	N/A	N/A	N/A
Landscape maintenance	Propamocarb	5.63	N/A	N/A	N/A
Landscape maintenance	Propamocarb hydrochloride	11.25	N/A	N/A	N/A
Landscape maintenance	Propiconazole	352.76	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	Propionic acid	48.44	N/A	N/A	N/A
Landscape maintenance	Propylene glycol	12.71	N/A	N/A	N/A
Landscape maintenance	Pyraclostrobin	24.11	N/A	N/A	N/A
Landscape maintenance	Pyrethrins	13.29	N/A	N/A	N/A
Landscape maintenance	Pyriproxyfen	4.78	N/A	N/A	N/A
Landscape maintenance	Qst 713 strain of dried bacillus subtilis	0.34	N/A	N/A	N/A
Landscape maintenance	Quinclorac	2.32	N/A	N/A	N/A
Landscape maintenance	Quinclorac, dimethylamine salt	22.19	N/A	N/A	N/A
Landscape maintenance	Quinoxifen	0.14	N/A	N/A	N/A
Landscape maintenance	S-methoprene	0.31	N/A	N/A	N/A
Landscape maintenance	Saflufenacil	0.95	N/A	N/A	N/A
Landscape maintenance	Sethoxydim	1.14	N/A	N/A	N/A
Landscape maintenance	Silica filled polydimethylsiloxane	<0.01	N/A	N/A	N/A
Landscape maintenance	Silicone defoamer	0.28	N/A	N/A	N/A
Landscape maintenance	Simazine	332.15	N/A	N/A	N/A
Landscape maintenance	Sodium nitrate	15.94	N/A	N/A	N/A
Landscape maintenance	Sodium xylene sulfonate	3.45	N/A	N/A	N/A
Landscape maintenance	Spinosad	0.46	N/A	N/A	N/A
Landscape maintenance	Spirotetramat	0.28	N/A	N/A	N/A
Landscape maintenance	Strychnine	17.58	N/A	N/A	N/A
Landscape maintenance	Sulfentrazone	5.31	N/A	N/A	N/A
Landscape maintenance	Sulfometuron-methyl	197.87	N/A	N/A	N/A
Landscape maintenance	Sulfosulfuron	0.41	N/A	N/A	N/A
Landscape maintenance	Sulfur	28.29	N/A	N/A	N/A
Landscape maintenance	Tall oil	0.39	N/A	N/A	N/A
Landscape maintenance	Tall oil fatty acids	7.9	N/A	N/A	N/A
Landscape maintenance	Tau-fluvalinate	0.16	N/A	N/A	N/A
Landscape maintenance	Tebuconazole	152.12	N/A	N/A	N/A
Landscape maintenance	Tetrapotassium pyrophosphate	1.67	N/A	N/A	N/A
Landscape maintenance	Thiamethoxam	0.09	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Landscape maintenance	Thiencarbazone-methyl	0.11	N/A	N/A	N/A
Landscape maintenance	Thiophanate-methyl	141.42	N/A	N/A	N/A
Landscape maintenance	Triadimefon	0.44	N/A	N/A	N/A
Landscape maintenance	Triclopyr choline	75.77	N/A	N/A	N/A
Landscape maintenance	Triclopyr, butoxyethyl ester	577.38	N/A	N/A	N/A
Landscape maintenance	Triclopyr, triethylamine salt	12.54	N/A	N/A	N/A
Landscape maintenance	Triethanolamine	4.27	N/A	N/A	N/A
Landscape maintenance	Trifluralin	25.8	N/A	N/A	N/A
Landscape maintenance	Trinexapac-ethyl	22.64	N/A	N/A	N/A
Landscape maintenance	Warfarin	<0.01	N/A	N/A	N/A
Landscape maintenance	Zeta-cypermethrin	2.57	N/A	N/A	N/A
Landscape maintenance	Zinc phosphide	49.67	N/A	N/A	N/A
Lemon	Abamectin	13.65	18	597.56	A
Lemon	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	21.89	19	606.9	A
Lemon	Alpha-alkyl (c12-c15)-omega-hydroxypoly(oxyethylene) sulfate, sodium salt	1.05	1	23.0	A
Lemon	Alpha-tridecyl-omega-hydroxypoly(oxyethanol) phosphate	1.94	10	54.4	A
Lemon	Azadirachtin	0.02	2	1.8	A
Lemon	Beta-cyfluthrin	8.04	15	502.81	A
Lemon	Citric acid	2.43	10	54.4	A
Lemon	Coconut diethanolamide	4.76	1	23.0	A
Lemon	Cuprous oxide	1.01	1	0.3	A
Lemon	Cyantraniliprole	7.55	4	118.84	A
Lemon	Cyfluthrin	1.17	3	41.0	A
Lemon	Dimethylpolysiloxane	0.07	2	1.8	A
Lemon	Fenpropathrin	1.09	2	3.5	A
Lemon	Fenpyroximate	104.95	14	501.06	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Lemon	Flupyradifurone	33.71	7	250.22	A
Lemon	Gibberellins	0.13	1	1.5	A
Lemon	Glyphosate, potassium salt	82.75	11	61.9	A
Lemon	Imidacloprid	109.56	15	509.31	A
Lemon	Lauric acid	0.95	1	23.0	A
Lemon	Methylated soybean oil	118.85	19	606.9	A
Lemon	Mineral oil	13,877.56	46	1,501.34	A
Lemon	N,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	2.1	10	54.4	A
Lemon	Oryzalin	34.32	2	16.5	A
Lemon	Oxathiapiprolin	1.36	2	21.6	A
Lemon	Polyalkene oxide modified heptamethyl trisiloxane	5.74	18	597.9	A
Lemon	Polyether modified polysiloxane	0.64	1	9.0	A
Lemon	Polyethoxylated castor oil	0.21	1	9.0	A
Lemon	Polyoxyethylene polyoxypropylene	0.29	2	1.8	A
Lemon	Propylene glycol	1.62	1	23.0	A
Lemon	Pyraclostrobin	108.18	14	501.06	A
Lemon	Simazine	32.83	2	16.5	A
Lemon	Spinetoram	1.52	2	19.5	A
Lemon	Spirotetramat	3.21	4	20.75	A
Lemon	Thiamethoxam	32.82	11	363.68	A
Lemon	Tolfenpyrad	101.43	11	379.47	A
Lemon	Urea dihydrogen sulfate	1.16	10	54.4	A
Lime	Azadirachtin	0.01	1	1.5	A
Lime	Dimethylpolysiloxane	0.06	1	1.5	A
Lime	Polyoxyethylene polyoxypropylene	0.24	1	1.5	A
Melon	Fluopyram	0.05	1	2.0	A
Melon	Flutriafol	0.23	1	2.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Melon	Imidacloprid	0.76	1	2.0	A
Mint	Azoxystrobin	3.85	37	23.85	A
Mint	Bacillus amyloliquefaciens strain d747	2.75	1	0.75	A
Mint	Bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	4.42	11	7.55	A
Mint	Copper octanoate	2.78	11	8.2	A
Mint	Flonicamid	0.53	9	5.85	A
Mint	Methoxyfenozide	0.6	6	3.45	A
Mint	Piperonyl butoxide	8.51	32	20.45	A
Mint	Piperonyl butoxide, other related	2.13	32	20.45	A
Mint	Pyrethrins	1.06	32	20.45	A
Mint	Qst 713 strain of dried bacillus subtilis	1.02	33	21.95	A
Mint	Spinosad	1.18	24	15.45	A
Mint	Sulfur	0.9	1	0.4	A
N-grnhs flower	2,4-d, 2-ethylhexyl ester	1.18	N/A	2.3	A
N-grnhs flower	2,4-d, 2-ethylhexyl ester	1.46	N/A	50,000.0	S
N-grnhs flower	Abamectin	0.03	2	10,000.0	S
N-grnhs flower	Acephate	35.25	72	286,000.0	S
N-grnhs flower	Acibenzolar-s-methyl	0.02	N/A	110,000.0	S
N-grnhs flower	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	1.83	30	129,500.0	S
N-grnhs flower	Alpha-undecyl-omega-hydroxypoly(oxyethylene)	1.83	30	129,500.0	S
N-grnhs flower	Azoxystrobin	1.0	N/A	110,000.0	S
N-grnhs flower	Benzovindiflupyr	0.15	N/A	100,000.0	S
N-grnhs flower	Carfentrazone-ethyl	0.06	N/A	2.3	A
N-grnhs flower	Carfentrazone-ethyl	0.07	N/A	50,000.0	S
N-grnhs flower	Chlorantraniliprole	1.8	N/A	10.0	A
N-grnhs flower	Chlorothalonil	24.11	N/A	100,000.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs flower	Dicamba	0.47	N/A	11.3	A
N-grnhs flower	Dicamba	0.33	N/A	75,000.0	S
N-grnhs flower	Diethylene glycol	0.7	30	129,500.0	S
N-grnhs flower	Difenoconazole	0.51	N/A	100,000.0	S
N-grnhs flower	Dimethylpolysiloxane	0.02	30	129,500.0	S
N-grnhs flower	Dinotefuran	0.55	72	286,000.0	S
N-grnhs flower	Diquat dibromide	0.53	N/A	117.0	A
N-grnhs flower	Diuron	8.7	9	40,005.0	S
N-grnhs flower	Emamectin benzoate	0.04	N/A	6.0	U
N-grnhs flower	Fatty acids, mixed	1.25	30	129,500.0	S
N-grnhs flower	Fluroxypyr, 1-methylheptyl ester	0.57	N/A	9.0	A
N-grnhs flower	Fluroxypyr, 1-methylheptyl ester	0.33	N/A	25,000.0	S
N-grnhs flower	Glufosinate-ammonium	1.76	N/A	2.0	A
N-grnhs flower	Glyphosate, isopropylamine salt	13.51	N/A	117.0	A
N-grnhs flower	Imidacloprid	0.15	N/A	16,000.0	S
N-grnhs flower	Imidacloprid	0.02	N/A	3.0	U
N-grnhs flower	Mcpa, dimethylamine salt	4.85	N/A	9.0	A
N-grnhs flower	Mcpa, dimethylamine salt	2.84	N/A	25,000.0	S
N-grnhs flower	Mecoprop-p	0.3	N/A	2.3	A
N-grnhs flower	Mecoprop-p	0.37	N/A	50,000.0	S
N-grnhs flower	Mefenoxam	3.21	N/A	210,000.0	S
N-grnhs flower	Mefenoxam, other related	0.11	N/A	210,000.0	S
N-grnhs flower	Metaldehyde	27.38	7	29,500.0	S
N-grnhs flower	Penthiopyrad	1.38	N/A	110,000.0	S
N-grnhs flower	Permethrin	7.08	N/A	39.0	U
N-grnhs flower	Prodiamine	69.59	N/A	112.0	A
N-grnhs flower	Propiconazole	1.35	N/A	110,000.0	S
N-grnhs flower	Propiconazole	0.02	N/A	2.0	U
N-grnhs flower	Pyraclostrobin	0.99	N/A	110,000.0	S



Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs plants in containers	Acephate	0.49	1	4,000.0	S
N-grnhs plants in containers	Bifenthrin	0.13	1	12,000.0	S
N-grnhs transplants	2,4-d, 2-ethylhexyl ester	4.66	N/A	12.0	A
N-grnhs transplants	2,4-dp-p, isooctyl ester	2.68	N/A	12.0	A
N-grnhs transplants	Abamectin	0.18	N/A	3.0	A
N-grnhs transplants	Acibenzolar-s-methyl	0.07	N/A	6.0	A
N-grnhs transplants	Azoxystrobin	3.0	N/A	6.0	A
N-grnhs transplants	Benzovindiflupyr	0.79	N/A	12.0	A
N-grnhs transplants	Carfentrazone-ethyl	0.24	N/A	12.0	A
N-grnhs transplants	Chlorantraniliprole	0.31	N/A	3.0	A
N-grnhs transplants	Chlorothalonil	90.41	N/A	9.0	A
N-grnhs transplants	Cyazofamid	9.14	N/A	9.0	A
N-grnhs transplants	Dicamba	0.3	N/A	12.0	A
N-grnhs transplants	Difenoconazole	2.63	N/A	12.0	A
N-grnhs transplants	Dithiopyr	8.0	N/A	8.0	A
N-grnhs transplants	Ethephon	89.83	N/A	21.0	A
N-grnhs transplants	Fludioxonil	4.15	N/A	6.0	A
N-grnhs transplants	Fluopyram	1.34	N/A	3.0	A
N-grnhs transplants	Flurprimidol	20.01	N/A	140.0	A
N-grnhs transplants	Fluxapyroxad	1.38	N/A	6.0	A
N-grnhs transplants	Foramsulfuron	0.96	N/A	105.0	A
N-grnhs transplants	Fosetyl-al	105.6	N/A	9.0	A
N-grnhs transplants	Glyphosate, diammonium salt	0.65	1	1.0	A
N-grnhs transplants	Glyphosate, potassium salt	0.59	1	1.0	A
N-grnhs transplants	Halosulfuron-methyl	0.61	N/A	12.0	A
N-grnhs transplants	Imidacloprid	10.8	N/A	38.0	A
N-grnhs transplants	Imidacloprid	<0.01	N/A	1.0	U
N-grnhs transplants	Iprodione	29.98	N/A	9.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-grnhs transplants	Lambda-cyhalothrin	0.21	N/A	3.0	A
N-grnhs transplants	Mancozeb	360.0	N/A	27.0	A
N-grnhs transplants	Mefenoxam	9.79	N/A	15.0	A
N-grnhs transplants	Mefenoxam, other related	0.32	N/A	15.0	A
N-grnhs transplants	Paclobutrazol	0.05	N/A	1.0	U
N-grnhs transplants	Pendimethalin	0.89	1	1.0	A
N-grnhs transplants	Penthiopyrad	4.13	N/A	6.0	A
N-grnhs transplants	Prodiamine	24.15	N/A	59.0	A
N-grnhs transplants	Propamocarb hydrochloride	89.99	N/A	9.0	A
N-grnhs transplants	Propiconazole	8.09	N/A	6.0	A
N-grnhs transplants	Pyraclostrobin	4.27	N/A	9.0	A
N-grnhs transplants	Quinclorac, dimethylamine salt	5.79	N/A	8.0	A
N-grnhs transplants	Tebuconazole	8.07	N/A	6.0	A
N-grnhs transplants	Thiencarbazone-methyl	0.07	N/A	6.0	A
N-grnhs transplants	Thiophanate-methyl	41.22	N/A	6.0	A
N-grnhs transplants	Trinexapac-ethyl	11.07	N/A	173.0	A
N-outdr flower	Acibenzolar-s-methyl	0.05	N/A	210,000.0	S
N-outdr flower	Azoxystrobin	2.0	N/A	210,000.0	S
N-outdr flower	Cyazofamid	2.59	N/A	100,000.0	S
N-outdr flower	Diphacinone	<0.01	1	5.0	A
N-outdr flower	Diquat dibromide	0.18	N/A	45.0	A
N-outdr flower	Fludioxonil	2.51	N/A	210,000.0	S
N-outdr flower	Glufosinate-ammonium	0.88	N/A	1.0	A
N-outdr flower	Glyphosate, isopropylamine salt	14.57	2	50.0	A
N-outdr flower	Imidacloprid	<0.01	1	5.0	A
N-outdr flower	Oxytetracycline hydrochloride	0.04	N/A	22.0	U
N-outdr flower	Paclobutrazol	0.47	N/A	20,000.0	S
N-outdr flower	Permethrin	3.15	N/A	27.0	U
N-outdr flower	Pyraclostrobin	0.91	N/A	110,000.0	S

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-outdr plants in containers	Abamectin	0.5	37	50.5	A
N-outdr plants in containers	Acephate	273.54	72	282.0	A
N-outdr plants in containers	Ametoctradin	22.09	59	83.5	A
N-outdr plants in containers	Azoxystrobin	1.07	15	6.8	A
N-outdr plants in containers	Bacillus thuringiensis, subsp. aizawai, strain abts-1857	2.43	4	4.5	A
N-outdr plants in containers	Bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	1.22	7	2.15	A
N-outdr plants in containers	Bifenthrin	0.87	6	5.5	A
N-outdr plants in containers	Carbaryl	10.54	45	25.5	A
N-outdr plants in containers	Cyflufenamid	11.37	101	136.5	A
N-outdr plants in containers	Dimethomorph	16.59	59	83.5	A
N-outdr plants in containers	Diquat dibromide	111.87	64	80.0	A
N-outdr plants in containers	Fenpropathrin	0.47	3	8.0	A
N-outdr plants in containers	Fosetyl-al	6.9	4	4.0	A
N-outdr plants in containers	Glyphosate, isopropylamine salt	2,138.34	136	536.12	A
N-outdr plants in containers	Glyphosate, isopropylamine salt	1.95	5	18,000.0	S

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
N-outdr plants in containers	Glyphosate, isopropylamine salt	0.46	1	4,000.0	U
N-outdr plants in containers	Indoxacarb	<0.01	2	5.34	A
N-outdr plants in containers	Isoxaben	0.58	2	1.0	A
N-outdr plants in containers	Mefenoxam	8.35	193	519.0	A
N-outdr plants in containers	Mefenoxam, other related	0.27	191	512.0	A
N-outdr plants in containers	Methoxyfenozide	0.79	9	4.65	A
N-outdr plants in containers	Mineral oil	5.96	1	3.5	A
N-outdr plants in containers	Myclobutanol	0.21	2	4.0	A
N-outdr plants in containers	Oxadiazon	32.46	38	36.0	A
N-outdr plants in containers	Permethrin	11.79	46	69.0	A
N-outdr plants in containers	Piperonyl butoxide	3.04	15	6.65	A
N-outdr plants in containers	Piperonyl butoxide, other related	0.76	15	6.65	A
N-outdr plants in containers	Potash soap	16.65	2	2.0	A
N-outdr plants in containers	Potassium bicarbonate	1.49	2	0.8	A
N-outdr plants in containers	Pyrethrins	0.38	15	6.65	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N-outdr plants in containers	Qst 713 strain of dried bacillus subtilis	0.35	16	7.65	A
N-outdr plants in containers	Spinosad	0.26	6	3.4	A
N-outdr plants in containers	Sulfur	10.01	11	5.25	A
N-outdr plants in containers	Tau-fluvalinate	0.39	3	7.01	A
N-outdr plants in containers	Thiophanate-methyl	153.03	213	303.25	A
N-outdr plants in containers	Triclopyr, butoxyethyl ester	0.04	1	3.0	A
N-outdr transplants	Glufosinate-ammonium	0.88	N/A	1.0	A
N-outdr transplants	Triclopyr, butoxyethyl ester	0.21	1	1.0	A
Oat	Diglycolamine salt of 3,6-dichloro-o-anisic acid	22.69	1	120.0	A
Oat (forage - fodder)	2,4-d, 2-ethylhexyl ester	193.49	3	135.0	A
Oat (forage - fodder)	2,4-d, dimethylamine salt	171.16	4	157.0	A
Oat (forage - fodder)	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	6.21	8	306.0	A
Oat (forage - fodder)	Bromoxynil octanoate	4.97	1	14.0	A
Oat (forage - fodder)	Dicamba, dimethylamine salt	44.02	7	292.0	A
Oat (forage - fodder)	Fatty acids, mixed	0.99	8	306.0	A
Oat (forage - fodder)	Lecithin	23.13	8	306.0	A
Oat (forage - fodder)	Propionic acid	23.13	8	306.0	A
Orange	2,4-d, isopropyl ester	39.58	85	632.35	A
Orange	Abamectin	20.41	101	1,010.7	A
Orange	Afidopyropen	0.46	2	10.0	A
Orange	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	55.11	62	360.85	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Orange	Alpha-alkyl (c12-c15)-omega-hydroxypoly(oxyethylene) sulfate, sodium salt	36.03	66	643.95	A
Orange	Alpha-undecyl-omega-hydroxypoly(oxyethylene)	7.25	2	9.5	A
Orange	Ammonium sulfate	80.57	39	232.6	A
Orange	Azadirachtin	0.2	4	23.0	A
Orange	Beta-cyfluthrin	2.1	47	78.53	A
Orange	Bromacil	9.9	3	6.25	A
Orange	Citric acid	4.51	39	232.6	A
Orange	Clarified hydrophobic extract of neem oil	63.05	2	16.5	A
Orange	Coconut diethanolamide	163.75	66	643.95	A
Orange	Copper hydroxide	1,918.4	68	649.95	A
Orange	Copper oxychloride	97.5	4	39.0	A
Orange	Cuprous oxide	21.81	2	6.5	A
Orange	Cyantranilprole	9.06	14	87.25	A
Orange	Cyfluthrin	0.87	5	26.75	A
Orange	Diethylene glycol	2.78	2	9.5	A
Orange	Dimethylpolysiloxane	0.99	7	37.5	A
Orange	Diphacinone	0.01	16	81.9	A
Orange	Diuron	5.95	3	6.25	A
Orange	Fatty acids, mixed	8.05	6	48.5	A
Orange	Fenpropathrin	177.45	63	589.45	A
Orange	Flupyradifurone	4.39	10	26.3	A
Orange	Gibberellins	6.41	24	149.65	A
Orange	Glufosinate-ammonium	9.4	4	12.0	A
Orange	Glyphosate, isopropylamine salt	312.04	53	288.8	A
Orange	Glyphosate, potassium salt	1,700.16	138	1,579.1	A
Orange	Imidacloprid	182.23	52	389.7	A
Orange	Indaziflam	14.38	25	220.95	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Orange	Lauric acid	32.75	66	643.95	A
Orange	Mesotrione	20.58	23	219.55	A
Orange	Metaldehyde	4.6	5	36.85	A
Orange	Methylated soybean oil	156.83	55	307.35	A
Orange	Mineral oil	11,782.43	132	1,209.19	A
Orange	Oxathiapiprolin	13.06	46	363.45	A
Orange	Petroleum oil, unclassified	357.73	7	51.5	A
Orange	Phosphoric acid	24.93	39	232.6	A
Orange	Polyacrylic polymer	2.26	39	232.6	A
Orange	Polyalkene oxide modified heptamethyl trisiloxane	7.84	55	307.35	A
Orange	Polyoxyethylene polyoxypropylene	3.66	4	23.0	A
Orange	Potassium silicate	0.38	1	4.0	A
Orange	Propylene glycol	56.77	67	648.95	A
Orange	Rimsulfuron	0.34	3	5.4	A
Orange	Saflufenacil	8.54	37	203.85	A
Orange	Simazine	3.98	1	3.5	A
Orange	Spinetoram	19.24	36	209.65	A
Orange	Spirodiclofen	1.58	1	5.0	A
Orange	Spirotetramat	116.43	81	777.65	A
Orange	Strychnine	2.74	149	1,286.2	A
Orange	Tall oil fatty acids	0.8	1	5.0	A
Orange	Thiamethoxam	4.93	23	63.5	A
Parsley	Azoxystrobin	0.03	1	0.2	A
Parsley	Bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	0.07	1	0.2	A
Parsley	Piperonyl butoxide	0.06	1	0.2	A
Parsley	Piperonyl butoxide, other related	0.02	1	0.2	A
Parsley	Pyrethrins	0.01	1	0.2	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pastureland	Glyphosate, isopropylamine salt	7.99	1	16.5	A
Pistachio	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	15.31	2	138.0	A
Pistachio	Ammonium sulfate	263.97	2	280.0	A
Pistachio	Aspergillus flavus strain nrsl 21882	0.13	1	140.0	A
Pistachio	Dimethylpolysiloxane	0.14	2	280.0	A
Pistachio	Fatty acids, methyl esters	239.91	2	138.0	A
Pistachio	Glyphosate, isopropylamine salt	992.17	5	496.0	A
Pistachio	Oxyfluorfen	232.41	5	496.0	A
Public health	Alpha-isooctadecyl-omega-hydroxypoly(oxyethylene)	0.42	N/A	N/A	N/A
Public health	Bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins	116.04	N/A	N/A	N/A
Public health	Bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	2.07	N/A	N/A	N/A
Public health	Bacillus thuringiensis, subsp. israelensis, strain am 65-52	339.02	N/A	N/A	N/A
Public health	Beauveria bassiana strain gha	0.22	N/A	N/A	N/A
Public health	Beta-cyfluthrin	0.32	N/A	N/A	N/A
Public health	Cypermethrin	0.05	N/A	N/A	N/A
Public health	Deltamethrin	0.01	N/A	N/A	N/A
Public health	Imidacloprid	33.74	N/A	N/A	N/A
Public health	Methoprene	0.02	N/A	N/A	N/A
Public health	Mineral oil	263.75	N/A	N/A	N/A
Public health	Piperonyl butoxide	0.57	N/A	N/A	N/A
Public health	Piperonyl butoxide, other related	0.01	N/A	N/A	N/A
Public health	Potash soap	0.79	N/A	N/A	N/A
Public health	Prallethrin	0.05	N/A	N/A	N/A
Public health	Pyrethrins	0.06	N/A	N/A	N/A
Public health	Pyriproxyfen	2.73	N/A	N/A	N/A



Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Public health	S-methoprene	3.53	N/A	N/A	N/A
Public health	Silica aerogel	2.33	N/A	N/A	N/A
Public health	Spinosad	64.65	N/A	N/A	N/A
Pumpkin	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	0.73	1	6.0	A
Pumpkin	Alpha-undecyl-omega-hydroxypoly(oxyethylene)	2.36	3	22.0	A
Pumpkin	Bifenthrin	1.59	2	16.0	A
Pumpkin	Diethylene glycol	0.28	1	6.0	A
Pumpkin	Dimethylpolysiloxane	0.01	1	6.0	A
Pumpkin	Fatty acids, mixed	0.5	1	6.0	A
Pumpkin	Lambda-cyhalothrin	0.19	1	6.0	A
Pumpkin	Lecithin	3.26	2	16.0	A
Pumpkin	Methylated soybean oil	1.63	2	16.0	A
Pumpkin	Myclobutanil	2.0	2	16.0	A
Regulatory pest control	Abamectin	206.08	N/A	N/A	N/A
Regulatory pest control	Acetamiprid	0.06	N/A	N/A	N/A
Regulatory pest control	Azadirachtin	0.01	N/A	N/A	N/A
Regulatory pest control	Beta-cyfluthrin	0.16	N/A	N/A	N/A
Regulatory pest control	Bifenthrin	1,370.15	N/A	N/A	N/A
Regulatory pest control	Bromadiolone	<0.01	N/A	N/A	N/A
Regulatory pest control	Chlorfenapyr	0.33	N/A	N/A	N/A
Regulatory pest control	Cholecalciferol	<0.01	N/A	N/A	N/A
Regulatory pest control	Clothianidin	0.05	N/A	N/A	N/A
Regulatory pest control	Deltamethrin	3.23	N/A	N/A	N/A
Regulatory pest control	Diphacinone	<0.01	N/A	N/A	N/A
Regulatory pest control	Fipronil	0.05	N/A	N/A	N/A
Regulatory pest control	Hydrogen peroxide	5.1	N/A	N/A	N/A
Regulatory pest control	Hydroprene	0.04	N/A	N/A	N/A
Regulatory pest control	Imidacloprid	5.22	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Regulatory pest control	Indoxacarb	<0.01	N/A	N/A	N/A
Regulatory pest control	Lambda-cyhalothrin	0.69	N/A	N/A	N/A
Regulatory pest control	Methyl eugenol	4.21	N/A	N/A	N/A
Regulatory pest control	Metofluthrin	<0.01	N/A	N/A	N/A
Regulatory pest control	Peroxyacetic acid	0.32	N/A	N/A	N/A
Regulatory pest control	Piperonyl butoxide	0.14	N/A	N/A	N/A
Regulatory pest control	Piperonyl butoxide, other related	<0.01	N/A	N/A	N/A
Regulatory pest control	Potassium phosphite	0.47	N/A	N/A	N/A
Regulatory pest control	Pyrethrins	<0.01	N/A	N/A	N/A
Regulatory pest control	Pyriproxyfen	0.01	N/A	N/A	N/A
Regulatory pest control	Reynoutria sachalinensis	0.41	N/A	N/A	N/A
Regulatory pest control	Spinosad	0.17	N/A	N/A	N/A
Regulatory pest control	Sulfur	0.63	N/A	N/A	N/A
Rights of way	2,4-d, 2-ethylhexyl ester	10.68	N/A	N/A	N/A
Rights of way	2,4-d, dimethylamine salt	34.99	N/A	N/A	N/A
Rights of way	2,4-dp-p, isooctyl ester	6.15	N/A	N/A	N/A
Rights of way	2-butoxyethanol	161.67	N/A	N/A	N/A
Rights of way	Alcohols, c12-c14, aliphatic	62.87	N/A	N/A	N/A
Rights of way	Alkyl (c8,c10) polyglucoside	285.9	N/A	N/A	N/A
Rights of way	Alkyl (c9-c11) oligomeric d-glucopyranoside	179.64	N/A	N/A	N/A
Rights of way	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	653.93	N/A	N/A	N/A
Rights of way	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	0.66	N/A	N/A	N/A
Rights of way	Alpha-alkyl (c8-c18)-omega-hydroxypoly(oxyethylene) poly(oxypropylene)	60.83	N/A	N/A	N/A
Rights of way	Alpha-alkyl (c9-c16)-omega-hydroxypoly(oxyethylene)	15.41	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	Alpha-tridecyl-omega-hydroxypoly(oxyethanol) phosphate	24.85	N/A	N/A	N/A
Rights of way	Alpha-undecyl-omega-hydroxypoly(oxyethylene)	243.97	N/A	N/A	N/A
Rights of way	Aluminum phosphide	0.07	N/A	N/A	N/A
Rights of way	Aminocyclopyrachlor, potassium salt	158.68	N/A	N/A	N/A
Rights of way	Aminopyralid, triisopropanolamine salt	1,404.95	N/A	N/A	N/A
Rights of way	Ammonium sulfate	682.97	N/A	N/A	N/A
Rights of way	Benzoic acid	23.3	N/A	N/A	N/A
Rights of way	Bromacil	8,789.65	N/A	N/A	N/A
Rights of way	Butyl alcohol	0.03	N/A	N/A	N/A
Rights of way	Butyl lactate	1.42	N/A	N/A	N/A
Rights of way	Carbon	0.09	N/A	N/A	N/A
Rights of way	Carfentrazone-ethyl	0.56	N/A	N/A	N/A
Rights of way	Chlorpyrifos	252.43	N/A	N/A	N/A
Rights of way	Chlorsulfuron	19.42	N/A	N/A	N/A
Rights of way	Citric acid	69.77	N/A	N/A	N/A
Rights of way	Clopyralid, monoethanolamine salt	153.52	N/A	N/A	N/A
Rights of way	Dicamba	0.7	N/A	N/A	N/A
Rights of way	Diethylene glycol	68.34	N/A	N/A	N/A
Rights of way	Dimethyl alkyl tertiary amines	25.46	N/A	N/A	N/A
Rights of way	Dimethylpolysiloxane	10.79	N/A	N/A	N/A
Rights of way	Dinotefuran	5.96	N/A	N/A	N/A
Rights of way	Diphacinone	0.15	N/A	N/A	N/A
Rights of way	Diquat dibromide	1,089.76	N/A	N/A	N/A
Rights of way	Disodium octaborate tetrahydrate	4,202.31	N/A	N/A	N/A
Rights of way	Dithiopyr	386.82	N/A	N/A	N/A
Rights of way	Diuron	651.81	N/A	N/A	N/A
Rights of way	Fatty acids, mixed	185.52	N/A	N/A	N/A
Rights of way	Fluazifop-butyl	0.12	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	Fluazifop-p-butyl	150.76	N/A	N/A	N/A
Rights of way	Flumioxazin	245.83	N/A	N/A	N/A
Rights of way	Glufosinate-ammonium	25.82	1	27.0	A
Rights of way	Glufosinate-ammonium	1,006.29	N/A	N/A	N/A
Rights of way	Glyphosate, dimethylamine salt	993.26	N/A	N/A	N/A
Rights of way	Glyphosate, isopropylamine salt	95.69	13	76.0	A
Rights of way	Glyphosate, isopropylamine salt	39,077.24	N/A	N/A	N/A
Rights of way	Glyphosate, monoammonium salt	821.83	N/A	N/A	N/A
Rights of way	Glyphosate, potassium salt	4,789.46	N/A	N/A	N/A
Rights of way	Heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	1.12	N/A	N/A	N/A
Rights of way	Hexylene glycol	161.67	N/A	N/A	N/A
Rights of way	Imazapyr, isopropylamine salt	25.11	10	113.0	A
Rights of way	Imazapyr, isopropylamine salt	4,119.22	N/A	N/A	N/A
Rights of way	Imidacloprid	3.28	N/A	N/A	N/A
Rights of way	Indaziflam	1.72	1	27.0	A
Rights of way	Indaziflam	464.63	N/A	N/A	N/A
Rights of way	Isopropylamine dodecylbenzene sulfonate	1.93	N/A	N/A	N/A
Rights of way	Isoxaben	347.02	N/A	N/A	N/A
Rights of way	Lecithin	147.22	N/A	N/A	N/A
Rights of way	Low molecular weight paraffinic oil	0.02	N/A	N/A	N/A
Rights of way	Methyl silicone resins	0.06	N/A	N/A	N/A
Rights of way	Methylated soybean oil	1,612.49	N/A	N/A	N/A
Rights of way	Mineral oil	694.24	N/A	N/A	N/A
Rights of way	N,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	26.93	N/A	N/A	N/A
Rights of way	Nonanoic acid	9.15	N/A	N/A	N/A
Rights of way	Nonanoic acid, other related	0.48	N/A	N/A	N/A
Rights of way	Oleic acid, ethyl ester	2,058.94	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	Oleic acid, methyl ester	71.93	N/A	N/A	N/A
Rights of way	Organosilicone, poly oxyalkylene ether copolymer	1.73	N/A	N/A	N/A
Rights of way	Oryzalin	22.88	N/A	N/A	N/A
Rights of way	Oxyfluorfen	3,145.87	N/A	N/A	N/A
Rights of way	Pendimethalin	584.92	N/A	N/A	N/A
Rights of way	Penoxsulam	62.76	N/A	N/A	N/A
Rights of way	Phosphoric acid	211.34	N/A	N/A	N/A
Rights of way	Polyacrylamide, polyethylene glycol mixture	12.24	N/A	N/A	N/A
Rights of way	Polyacrylic polymer	19.13	N/A	N/A	N/A
Rights of way	Polyalkene oxide modified heptamethyl trisiloxane	12.14	N/A	N/A	N/A
Rights of way	Polyethylene glycol stearate	514.36	N/A	N/A	N/A
Rights of way	Polyoxyethylene dioleate	0.26	N/A	N/A	N/A
Rights of way	Polyoxyethylene polyol fatty acid esters	2.11	N/A	N/A	N/A
Rights of way	Polyoxyethylene sorbitan monooleate	7.79	N/A	N/A	N/A
Rights of way	Polyoxyethylene sorbitan trioleate	50.77	N/A	N/A	N/A
Rights of way	Polypropylene glycol	0.08	N/A	N/A	N/A
Rights of way	Polysorbate 65	33.58	N/A	N/A	N/A
Rights of way	Propylene glycol	29.99	N/A	N/A	N/A
Rights of way	Rimsulfuron	51.05	N/A	N/A	N/A
Rights of way	Saflufenacil	0.68	N/A	N/A	N/A
Rights of way	Simazine	21.09	N/A	N/A	N/A
Rights of way	Sodium alpha-olefin (c14-c16) sulfonate	1,230.52	N/A	N/A	N/A
Rights of way	Sodium nitrate	0.17	N/A	N/A	N/A
Rights of way	Sorbitan trioleate	33.58	N/A	N/A	N/A
Rights of way	Strychnine	0.12	N/A	N/A	N/A
Rights of way	Styrene butadiene copolymer	273.74	N/A	N/A	N/A
Rights of way	Sulfentrazone	526.97	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	Sulfometuron-methyl	854.56	N/A	N/A	N/A
Rights of way	Tall oil fatty acids	21.79	N/A	N/A	N/A
Rights of way	Tebuthiuron	273.25	N/A	N/A	N/A
Rights of way	Triclopyr choline	567.08	N/A	N/A	N/A
Rights of way	Triclopyr, butoxyethyl ester	1,439.32	N/A	N/A	N/A
Rights of way	Triclopyr, triethylamine salt	1,105.98	N/A	N/A	N/A
Rights of way	Urea dihydrogen sulfate	14.91	N/A	N/A	N/A
Rosemary	Azoxystrobin	2.97	20	18.7	A
Rosemary	Bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	1.82	3	4.0	A
Rosemary	Cyprodinil	0.66	3	2.85	A
Rosemary	Fludioxonil	0.44	3	2.85	A
Rosemary	Imidacloprid	0.4	3	3.25	A
Rosemary	Methoxyfenozide	1.54	11	8.85	A
Rosemary	Piperonyl butoxide	8.38	22	20.45	A
Rosemary	Piperonyl butoxide, other related	2.09	22	20.45	A
Rosemary	Potassium bicarbonate	21.04	13	12.45	A
Rosemary	Pyrethrins	1.05	22	20.45	A
Rosemary	Qst 713 strain of dried bacillus subtilis	0.51	14	11.7	A
Rosemary	Spinosad	0.03	1	0.6	A
Rosemary	Sulfur	14.4	9	8.0	A
Sage	Azoxystrobin	4.27	56	26.4	A
Sage	Bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	0.17	1	0.4	A
Sage	Methoxyfenozide	4.32	52	24.6	A
Sage	Potassium bicarbonate	47.81	58	27.55	A
Sage	Qst 713 strain of dried bacillus subtilis	0.06	3	1.2	A
Sage	Spinosad	0.13	4	1.8	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Sage	Sulfur	50.63	58	27.55	A
Sod farm (turf)	2,4-d, 2-ethylhexyl ester	67.84	29	345.0	A
Sod farm (turf)	Carfentrazone-ethyl	3.49	29	345.0	A
Sod farm (turf)	Dicamba	4.33	29	345.0	A
Sod farm (turf)	Halosulfuron-methyl	4.45	7	95.0	A
Sod farm (turf)	Mancozeb	5,040.0	42	560.0	A
Sod farm (turf)	Mecoprop-p	17.2	29	345.0	A
Sod farm (turf)	Mesotrione	7.34	14	235.0	A
Squash, summer	Alpha-alkyl (c12-c15)-omega-hydroxypoly(oxyethylene) sulfate, sodium salt	0.32	7	5.5	A
Squash, summer	Coconut diethanolamide	1.45	7	5.5	A
Squash, summer	Fenpropathrin	0.16	2	0.5	A
Squash, summer	Lauric acid	0.29	7	5.5	A
Squash, summer	Myclobutanil	0.4	4	4.0	A
Squash, summer	Penthiopyrad	1.14	7	5.5	A
Squash, summer	Propylene glycol	0.49	7	5.5	A
Squash, summer	Pyrethrins	0.05	1	1.0	A
Squash, summer	Spinetoram	0.13	2	2.0	A
Squash, summer	Spiromesifen	0.13	1	1.0	A
Squash, summer	Thiamethoxam	0.25	3	3.0	A
Stone fruit	Abamectin	0.08	1	4.0	A
Stone fruit	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	3.13	3	11.0	A
Stone fruit	Alpha-alkyl (c12-c15)-omega-hydroxypoly(oxyethylene) sulfate, sodium salt	0.39	1	4.0	A
Stone fruit	Coconut diethanolamide	1.75	1	4.0	A
Stone fruit	Copper hydroxide	39.92	2	8.0	A
Stone fruit	Fluopyram	0.11	1	4.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Stone fruit	Glyphosate, potassium salt	2.76	1	4.0	A
Stone fruit	Lauric acid	0.35	1	4.0	A
Stone fruit	Mefenoxam	4.01	1	4.0	A
Stone fruit	Methylated soybean oil	16.68	3	11.0	A
Stone fruit	Myclobutanil	0.3	1	3.0	A
Stone fruit	Penthiopyrad	0.78	1	3.0	A
Stone fruit	Polyalkene oxide modified heptamethyl trisiloxane	0.83	3	11.0	A
Stone fruit	Propylene glycol	0.6	1	4.0	A
Stone fruit	Spinetoram	0.77	2	7.0	A
Stone fruit	Strychnine	0.01	1	4.0	A
Strawberry	Abamectin	0.28	5	15.75	A
Strawberry	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	2.84	2	10.0	A
Strawberry	Alpha-alkyl (c12-c15)-omega-hydroxypoly(oxyethylene) sulfate, sodium salt	0.99	4	19.0	A
Strawberry	Azoxystrobin	0.44	2	1.75	A
Strawberry	Captan	27.01	5	20.0	A
Strawberry	Captan, other related	0.02	1	1.0	A
Strawberry	Coconut diethanolamide	4.5	4	19.0	A
Strawberry	Fluopyram	0.11	1	4.0	A
Strawberry	Flutriafol	0.45	1	4.0	A
Strawberry	Hexythiazox	0.94	1	5.0	A
Strawberry	Imidacloprid	2.02	1	4.0	A
Strawberry	Lauric acid	0.9	4	19.0	A
Strawberry	Mefenoxam	2.0	1	4.0	A
Strawberry	Methylated soybean oil	15.16	2	10.0	A
Strawberry	Oxyfluorfen	2.01	1	4.0	A
Strawberry	Polyalkene oxide modified heptamethyl trisiloxane	0.76	2	10.0	A



Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Strawberry	Propylene glycol	1.53	4	19.0	A
Strawberry	Spinetoram	0.31	1	5.0	A
Strawberry	Spiromesifen	2.48	2	10.0	A
Strawberry	Thiamethoxam	0.38	2	6.0	A
Structural pest control	2,4-d, dimethylamine salt	1.2	N/A	N/A	N/A
Structural pest control	2-methyl-4-isothiazolin-3-one	0.33	N/A	N/A	N/A
Structural pest control	4-aminopyridine	0.41	N/A	N/A	N/A
Structural pest control	5-chloro-2-methyl-4-isothiazolin-3-one	0.94	N/A	N/A	N/A
Structural pest control	Abamectin	0.08	N/A	N/A	N/A
Structural pest control	Abamectin, other related	<0.01	N/A	N/A	N/A
Structural pest control	Acephate	92.32	N/A	N/A	N/A
Structural pest control	Acetamiprid	43.36	N/A	N/A	N/A
Structural pest control	Alkyl (50% <sup>c14</sup> , 40% <sup>c12</sup> , 10% <sup>c16</sup> ) dimethylbenzyl ammonium chloride	10.49	N/A	N/A	N/A
Structural pest control	Alkyl (60% <sup>c14</sup> , 30% <sup>c16</sup> , 5% <sup>c12</sup> , 5% <sup>c18</sup> ) dimethylbenzyl ammonium chloride	0.02	N/A	N/A	N/A
Structural pest control	Alkyl (68% <sup>c12</sup> , 32% <sup>c14</sup> ) dimethylethylbenzyl ammonium chloride	0.02	N/A	N/A	N/A
Structural pest control	Alkyl (as in fatty acids of coconut oil) monoethanolamide	0.15	N/A	N/A	N/A
Structural pest control	Alkyl (c8,c10) polyglucoside	1.85	N/A	N/A	N/A
Structural pest control	Alkyl (c9-c11) oligomeric d-glucopyranoside	0.57	N/A	N/A	N/A
Structural pest control	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	8.68	N/A	N/A	N/A
Structural pest control	Alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	0.18	N/A	N/A	N/A
Structural pest control	Alpha-alkyl (mixed)-omega-hydroxypoly(oxyethylene) sulfate	0.48	N/A	N/A	N/A
Structural pest control	Alpha-cypermethrin	23.87	N/A	N/A	N/A
Structural pest control	Aluminum phosphide	7.18	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	Ammonium nitrate	8.79	N/A	N/A	N/A
Structural pest control	Ammonium sulfate	3.36	N/A	N/A	N/A
Structural pest control	Beauveria bassiana strain gha	9.27	N/A	N/A	N/A
Structural pest control	Beta-cyfluthrin	287.31	N/A	N/A	N/A
Structural pest control	Bifenthrin	2,186.0	N/A	N/A	N/A
Structural pest control	Bis butenylene tetrahydro furfural	0.03	N/A	N/A	N/A
Structural pest control	Borax	1.89	N/A	N/A	N/A
Structural pest control	Boric acid	32,040.33	N/A	N/A	N/A
Structural pest control	Brodifacoum	0.01	N/A	N/A	N/A
Structural pest control	Bromadiolone	0.09	N/A	N/A	N/A
Structural pest control	Bromethalin	1.59	N/A	N/A	N/A
Structural pest control	Capsicum oleoresin	0.02	N/A	N/A	N/A
Structural pest control	Carbon	<0.01	N/A	N/A	N/A
Structural pest control	Carbon dioxide	0.75	N/A	N/A	N/A
Structural pest control	Chlorantraniliprole	15.1	N/A	N/A	N/A
Structural pest control	Chlorfenapyr	316.49	N/A	N/A	N/A
Structural pest control	Chlorine dioxide	0.04	N/A	N/A	N/A
Structural pest control	Chlorophacinone	0.13	N/A	N/A	N/A
Structural pest control	Chlorpyrifos	5.37	N/A	N/A	N/A
Structural pest control	Cholecalciferol	14.24	N/A	N/A	N/A
Structural pest control	Clothianidin	7.38	N/A	N/A	N/A
Structural pest control	Copper naphthenate	0.05	N/A	N/A	N/A
Structural pest control	Cyfluthrin	88.09	N/A	N/A	N/A
Structural pest control	Cypermethrin	520.79	N/A	N/A	N/A
Structural pest control	D-allethrin	0.07	N/A	N/A	N/A
Structural pest control	D-allethrin, other related	<0.01	N/A	N/A	N/A
Structural pest control	D-trans allethrin	0.56	N/A	N/A	N/A
Structural pest control	Ddvp	23.65	N/A	N/A	N/A
Structural pest control	Ddvp, other related	0.12	N/A	N/A	N/A
Structural pest control	Deltamethrin	1,829.39	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	Diatomaceous earth	27.39	N/A	N/A	N/A
Structural pest control	Dicamba, dimethylamine salt	0.11	N/A	N/A	N/A
Structural pest control	Dichlobenil	29.5	N/A	N/A	N/A
Structural pest control	Didecyl dimethyl ammonium chloride	5.75	N/A	N/A	N/A
Structural pest control	Difethialone	0.18	N/A	N/A	N/A
Structural pest control	Diflubenzuron	0.01	N/A	N/A	N/A
Structural pest control	Dimethylpolysiloxane	0.03	N/A	N/A	N/A
Structural pest control	Dinotefuran	16,044.18	N/A	N/A	N/A
Structural pest control	Diocetyl dimethyl ammonium chloride	3.33	N/A	N/A	N/A
Structural pest control	Diphacinone	1.14	N/A	N/A	N/A
Structural pest control	Diphacinone, sodium salt	0.08	N/A	N/A	N/A
Structural pest control	Dipropyl isocinchomeronate	0.04	N/A	N/A	N/A
Structural pest control	Disodium lauryl sulfosuccinate	<0.01	N/A	N/A	N/A
Structural pest control	Disodium octaborate tetrahydrate	6,238.22	N/A	N/A	N/A
Structural pest control	Emamectin benzoate	0.02	N/A	N/A	N/A
Structural pest control	Esfenvalerate	108.89	N/A	N/A	N/A
Structural pest control	Ethylene glycol	1.65	N/A	N/A	N/A
Structural pest control	Etofenprox	7.43	N/A	N/A	N/A
Structural pest control	Fatty acids derived from tallow	0.07	N/A	N/A	N/A
Structural pest control	Fenoxycarb	0.02	N/A	N/A	N/A
Structural pest control	Fenvalerate	1.29	N/A	N/A	N/A
Structural pest control	Fipronil	538.55	N/A	N/A	N/A
Structural pest control	Free fatty acids and/or amine salts	0.8	N/A	N/A	N/A
Structural pest control	Freon 12	0.3	N/A	N/A	N/A
Structural pest control	Gamma-cyhalothrin	339.76	N/A	N/A	N/A
Structural pest control	Glyphosate, isopropylamine salt	190.78	N/A	N/A	N/A
Structural pest control	Hydramethylnon	17.03	N/A	N/A	N/A
Structural pest control	Hydrogen peroxide	4.84	N/A	N/A	N/A
Structural pest control	Hydroprene	677.86	N/A	N/A	N/A
Structural pest control	Imazapyr, isopropylamine salt	3.4	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	Imidacloprid	730.89	N/A	N/A	N/A
Structural pest control	Indaziflam	0.02	N/A	N/A	N/A
Structural pest control	Indoxacarb	36.36	N/A	N/A	N/A
Structural pest control	Iron phosphate	0.78	N/A	N/A	N/A
Structural pest control	Isofetamid	0.01	N/A	N/A	N/A
Structural pest control	Isopropyl alcohol	1,198.64	N/A	N/A	N/A
Structural pest control	Lambda-cyhalothrin	1,062.77	N/A	N/A	N/A
Structural pest control	Limonene	28.56	N/A	N/A	N/A
Structural pest control	Magnesium phosphide	2,550.24	N/A	N/A	N/A
Structural pest control	Mcpp-p, dimethylamine salt	0.32	N/A	N/A	N/A
Structural pest control	Metaflumizone	<0.01	N/A	N/A	N/A
Structural pest control	Metaldehyde	0.04	N/A	N/A	N/A
Structural pest control	Metam-sodium	17.7	N/A	N/A	N/A
Structural pest control	Methomyl	0.01	N/A	N/A	N/A
Structural pest control	Methoprene	0.2	N/A	N/A	N/A
Structural pest control	Methylene chloride	0.17	N/A	N/A	N/A
Structural pest control	Metofluthrin	0.13	N/A	N/A	N/A
Structural pest control	Mineral oil	1.69	N/A	N/A	N/A
Structural pest control	Muscalure	0.48	N/A	N/A	N/A
Structural pest control	N-octyl bicycloheptene dicarboximide	393.97	N/A	N/A	N/A
Structural pest control	Nicarbazin	0.08	N/A	N/A	N/A
Structural pest control	Novaluron	33.17	N/A	N/A	N/A
Structural pest control	Noviflumuron	0.89	N/A	N/A	N/A
Structural pest control	Octyl decyl dimethyl ammonium chloride	6.58	N/A	N/A	N/A
Structural pest control	Oil of citronella	0.27	N/A	N/A	N/A
Structural pest control	Oleic acid	0.23	N/A	N/A	N/A
Structural pest control	Organo/modified polysiloxane	0.02	N/A	N/A	N/A
Structural pest control	Permethrin	678.72	N/A	N/A	N/A
Structural pest control	Permethrin, other related	<0.01	N/A	N/A	N/A
Structural pest control	Petroleum distillates	104.65	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	Petroleum distillates, aromatic	0.14	N/A	N/A	N/A
Structural pest control	Petroleum oil, unclassified	0.35	N/A	N/A	N/A
Structural pest control	Phenothrin	8.12	N/A	N/A	N/A
Structural pest control	Phenothrin, other related	<0.01	N/A	N/A	N/A
Structural pest control	Phenylethyl propionate	0.14	N/A	N/A	N/A
Structural pest control	Pine oil	0.04	N/A	N/A	N/A
Structural pest control	Piperonyl butoxide	809.59	N/A	N/A	N/A
Structural pest control	Piperonyl butoxide, other related	43.72	N/A	N/A	N/A
Structural pest control	Polyacrylamide polymer	0.01	N/A	N/A	N/A
Structural pest control	Polybutenes	3.66	N/A	N/A	N/A
Structural pest control	Prallethrin	38.39	N/A	N/A	N/A
Structural pest control	Propoxur	0.01	N/A	N/A	N/A
Structural pest control	Pyrethrins	156.34	N/A	N/A	N/A
Structural pest control	Pyriproxyfen	153.1	N/A	N/A	N/A
Structural pest control	Resmethrin	0.18	N/A	N/A	N/A
Structural pest control	Resmethrin, other related	0.02	N/A	N/A	N/A
Structural pest control	Rotenone	<0.01	N/A	N/A	N/A
Structural pest control	Rotenone, other related	<0.01	N/A	N/A	N/A
Structural pest control	S-methoprene	1.38	N/A	N/A	N/A
Structural pest control	Silica aerogel	111.83	N/A	N/A	N/A
Structural pest control	Sodium decyl sulfate	8.7	N/A	N/A	N/A
Structural pest control	Sodium lauroampho acetate	6.57	N/A	N/A	N/A
Structural pest control	Sodium lauryl sulfate	4.43	N/A	N/A	N/A
Structural pest control	Sodium nitrate	0.01	N/A	N/A	N/A
Structural pest control	Spinosad	<0.01	N/A	N/A	N/A
Structural pest control	Strychnine	0.95	N/A	N/A	N/A
Structural pest control	Sulfluramid	<0.01	N/A	N/A	N/A
Structural pest control	Sulfur	0.01	N/A	N/A	N/A
Structural pest control	Sulfuryl fluoride	63,945.34	N/A	N/A	N/A
Structural pest control	Tau-fluvalinate	0.11	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	Tebuconazole	0.03	N/A	N/A	N/A
Structural pest control	Tetrachloroethylene	0.49	N/A	N/A	N/A
Structural pest control	Tetramethrin	0.25	N/A	N/A	N/A
Structural pest control	Thiamethoxam	102.32	N/A	N/A	N/A
Structural pest control	Thymol	<0.01	N/A	N/A	N/A
Structural pest control	Trichlorofluoromethane	3.67	N/A	N/A	N/A
Structural pest control	Urea	4.07	N/A	N/A	N/A
Structural pest control	Warfarin	0.03	N/A	N/A	N/A
Structural pest control	Z,e-9,12-tetradecadien-1-yl acetate	0.03	N/A	N/A	N/A
Structural pest control	Zeta-cypermethrin	0.83	N/A	N/A	N/A
Structural pest control	Zinc phosphide	0.33	N/A	N/A	N/A
Sudangrass	Glyphosate, isopropylamine salt	7.99	1	60.0	A
Tangelo	Azadirachtin	0.01	1	1.5	A
Tangelo	Dimethylpolysiloxane	0.06	1	1.5	A
Tangelo	Polyoxyethylene polyoxypropylene	0.24	1	1.5	A
Tangerine	Azadirachtin	0.03	3	3.25	A
Tangerine	Cuprous oxide	5.87	2	1.75	A
Tangerine	Dimethylpolysiloxane	0.13	3	3.25	A
Tangerine	Polyoxyethylene polyoxypropylene	0.52	3	3.25	A
Tarragon	Azoxystrobin	1.14	12	7.15	A
Tarragon	Bacillus amyloliquefaciens strain d747	2.75	1	0.75	A
Tarragon	Cyprodinil	0.4	3	1.75	A
Tarragon	Fludioxonil	0.27	3	1.75	A
Tarragon	Imidacloprid	0.02	1	0.4	A
Tarragon	Methoxyfenozide	0.9	9	5.2	A
Tarragon	Piperonyl butoxide	3.39	14	8.05	A
Tarragon	Piperonyl butoxide, other related	0.85	14	8.05	A
Tarragon	Potassium bicarbonate	1.28	1	0.75	A
Tarragon	Pyrethrins	0.42	14	8.05	A
Tarragon	Qst 713 strain of dried bacillus subtilis	0.11	5	2.6	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Tarragon	Spinosad	0.1	2	1.1	A
Tarragon	Sulfur	11.48	11	6.45	A
Thyme	Azadirachtin	0.02	1	0.65	A
Thyme	Azoxystrobin	3.31	31	20.46	A
Thyme	Bacillus amyloliquefaciens strain d747	2.75	1	0.8	A
Thyme	Bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	5.4	14	9.01	A
Thyme	Glyphosate, isopropylamine salt	0.38	1	0.63	A
Thyme	Methoxyfenozide	1.78	15	10.84	A
Thyme	Piperonyl butoxide	6.81	20	14.5	A
Thyme	Piperonyl butoxide, other related	1.7	20	14.5	A
Thyme	Potassium bicarbonate	17.21	16	9.46	A
Thyme	Pyrethrins	0.85	20	14.5	A
Thyme	Qst 713 strain of dried bacillus subtilis	0.4	15	10.7	A
Thyme	Spinosad	0.14	5	2.58	A
Thyme	Sulfur	25.99	22	13.86	A
Tomato	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	0.17	1	1.2	A
Tomato	Chlorantraniliprole	0.3	1	2.0	A
Tomato	Fluopyram	0.11	2	4.0	A
Tomato	Flutriafol	0.23	1	2.0	A
Tomato	Imidacloprid	0.76	1	2.0	A
Tomato	Mefenoxam	2.0	1	2.0	A
Tomato	Methylated soybean oil	0.91	1	1.2	A
Tomato	Penthiopyrad	0.37	1	1.2	A
Tomato	Polyalkene oxide modified heptamethyl trisiloxane	0.05	1	1.2	A
Tomato	Spinetoram	0.09	1	1.2	A
Tomato	Spiromesifen	0.16	1	1.2	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Turf/sod	2,4-d, 2-ethylhexyl ester	11.57	3	75.0	A
Turf/sod	Carfentrazone-ethyl	0.25	3	75.0	A
Turf/sod	Dicamba	0.69	3	75.0	A
Turf/sod	Foramsulfuron	0.41	3	75.0	A
Turf/sod	Glyphosate, isopropylamine salt	5.84	9	225.0	A
Turf/sod	Mecoprop-p	2.38	3	75.0	A
Turf/sod	Nonanoic acid	1.86	8	200.0	A
Uncultivated ag	2,4-d, 2-ethylhexyl ester	38.0	1	66.0	A
Uncultivated ag	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	29.15	4	266.0	A
Uncultivated ag	Alpha-tridecyl-omega-hydroxypoly(oxyethanol) phosphate	0.14	2	38.0	A
Uncultivated ag	Alpha-undecyl-omega-hydroxypoly(oxyethylene)	0.23	N/A	16.0	A
Uncultivated ag	Bifenthrin	0.01	1	14.0	A
Uncultivated ag	Capric acid	9.21	2	38.0	A
Uncultivated ag	Caprylic acid	13.52	2	38.0	A
Uncultivated ag	Carbaryl	0.15	1	0.15	A
Uncultivated ag	Citric acid	0.17	2	38.0	A
Uncultivated ag	Dicamba	8.21	1	66.0	A
Uncultivated ag	Diphacinone	0.01	7	128.0	A
Uncultivated ag	Fatty acids, methyl esters	399.86	3	200.0	A
Uncultivated ag	Glycerol	9.73	1	66.0	A
Uncultivated ag	Glyphosate, isopropylamine salt	113.84	83	339.49	A
Uncultivated ag	Glyphosate, potassium salt	100.75	20	254.6	A
Uncultivated ag	Lecithin	0.45	N/A	16.0	A
Uncultivated ag	Methylated soybean oil	0.23	N/A	16.0	A
Uncultivated ag	N,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	0.15	2	38.0	A
Uncultivated ag	Pendimethalin	0.89	1	1.5	A



Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Uncultivated ag	Saflufenacil	5.13	3	200.0	A
Uncultivated ag	Sodium xylene sulfonate	1.48	1	66.0	A
Uncultivated ag	Strychnine	0.01	1	3.0	A
Uncultivated ag	Urea dihydrogen sulfate	0.08	2	38.0	A
Uncultivated non-ag	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	3.1	3	25.42	A
Uncultivated non-ag	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	2.21	6	6.84	A
Uncultivated non-ag	Alpha-undecyl-omega-hydroxypoly(oxyethylene)	2.19	N/A	22.0	A
Uncultivated non-ag	Ammonium propionate	2.88	3	3.42	A
Uncultivated non-ag	Ammonium sulfate	0.72	3	3.42	A
Uncultivated non-ag	Citric acid	1.44	3	3.42	A
Uncultivated non-ag	Diethylene glycol	0.84	N/A	22.0	A
Uncultivated non-ag	Dimethylpolysiloxane	0.02	N/A	22.0	A
Uncultivated non-ag	Diphacinone	<0.01	1	0.25	A
Uncultivated non-ag	Fatty acids, mixed	1.5	N/A	22.0	A
Uncultivated non-ag	Glufosinate-ammonium	8.76	6	6.42	A
Uncultivated non-ag	Glyphosate, isopropylamine salt	9.7	N/A	22.0	A
Uncultivated non-ag	Glyphosate, potassium salt	31.03	6	6.3	A
Uncultivated non-ag	Imidacloprid	<0.01	1	0.25	A
Uncultivated non-ag	Mineral oil	8.93	3	3.42	A
Uncultivated non-ag	N,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	0.13	3	3.42	A
Uncultivated non-ag	Pendimethalin	19.39	4	4.82	A
Uncultivated non-ag	Sodium polyacrylate	0.07	3	3.42	A
Uncultivated non-ag	Tall oil fatty acids	0.52	3	3.42	A
Vegetables, leafy	Bensulide	212.05	18	70.0	A
Vegetables, leafy	Chlorthal-dimethyl	21.32	5	18.0	A
Vegetables, leafy	Lambda-cyhalothrin	4.17	6	45.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Vegetables, leafy	Trifluralin	9.32	5	18.0	A
Vertebrate control	Bromethalin	<0.01	N/A	N/A	N/A
Vertebrate control	Diphacinone	<0.01	N/A	N/A	N/A
Water (industrial)	1,3-dichloro-5,5-dimethylhydantoin	657.19	N/A	441.0	U
Water (industrial)	1,3-dichloro-5-ethyl-5-methylhydantoin	361.57	N/A	441.0	U
Water (industrial)	1-bromo-3-chloro-5,5-dimethyl hydantoin	1,232.51	N/A	441.0	U
Water (industrial)	2,2-dibromo-3-nitrilopropionamide	734.15	N/A	115.0	U
Water (industrial)	2-methyl-4-isothiazolin-3-one	443.25	N/A	429.0	U
Water (industrial)	5-chloro-2-methyl-4-isothiazolin-3-one	1,274.38	N/A	429.0	U
Water (industrial)	Diocetyl dimethyl ammonium chloride	2,987.07	N/A	10.0	U
Water (industrial)	Glutaraldehyde	1,230.46	N/A	4.0	U
Water (industrial)	Sodium bromide	2,919.48	N/A	485.0	U
Water (industrial)	Sodium bromosulfamate, sodium chlorosulfamate, potassium bromosulfamate, potassium chlorosulfamate	6,463.09	N/A	64.0	U
Water (industrial)	Sodium chlorate	16,767.92	N/A	1.0	U
Water (industrial)	Sodium dichloro-s-triazinetriene	135.0	N/A	3.0	U
Water (industrial)	Sodium dichloro-s-triazinetriene dihydrate	643.5	N/A	5.0	U
Water (industrial)	Sodium hypochlorite	5,331.69	N/A	1,036.0	U
Water (industrial)	Terbutylazine	1.83	N/A	1.0	U
Water (industrial)	Trichloro-s-triazinetriene	278.71	N/A	4.0	U
Water area	Acid blue 9, diammonium salt	102.4	N/A	140.0	A
Water area	Copper ethanolamine complexes, mixed	606.47	N/A	217.84	A
Water area	Copper ethylenediamine complex	88.25	N/A	12.5	A
Water area	Copper sulfate (pentahydrate)	16,616.34	1	1,508.95	A
Water area	Diquat dibromide	607.49	N/A	268.5	A
Water area	Endothall, dipotassium salt	80.38	N/A	10.0	A
Water area	Glyphosate, isopropylamine salt	9.28	N/A	99,000.0	S
Water area	Imazamox, ammonium salt	0.53	N/A	1.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Water area	S-methoprene	0.72	N/A	199,000.0	S
Water area	Sodium carbonate peroxyhydrate	3,546.63	N/A	83.45	A
Water area	Tartrazine	8.24	N/A	140.0	A
Water systems - human potable/drinking	Sodium hypochlorite	12.59	N/A	1.0	U
Water washer/cooler/condenser systems	2-methyl-4-isothiazolin-3-one	5.46	N/A	2.0	U
Water washer/cooler/condenser systems	5-chloro-2-methyl-4-isothiazolin-3-one	15.54	N/A	2.0	U
Watermelon	Alpha-alkyl (c12-c15)-omega-hydroxypoly(oxyethylene) sulfate, sodium salt	0.15	3	2.5	A
Watermelon	Coconut diethanolamide	0.66	3	2.5	A
Watermelon	Fluopyram	0.05	1	2.0	A
Watermelon	Flutriafol	0.23	1	2.0	A
Watermelon	Lauric acid	0.13	3	2.5	A
Watermelon	Myclobutanil	0.25	3	2.5	A
Watermelon	Penthiopyrad	0.52	3	2.5	A
Watermelon	Propylene glycol	0.22	3	2.5	A
Watermelon	Pyrethrins	0.02	1	0.5	A
Watermelon	Spinetoram	0.06	1	1.0	A
Watermelon	Thiamethoxam	0.12	2	1.5	A
Wheat (forage - fodder)	2,4-d, 2-ethylhexyl ester	366.45	4	255.68	A
Wheat (forage - fodder)	2,4-d, dimethylamine salt	62.14	3	57.0	A
Wheat (forage - fodder)	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	27.73	15	573.62	A
Wheat (forage - fodder)	Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	26.25	6	192.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Wheat (forage - fodder)	Alpha-undecyl-omega-hydroxypoly(oxyethylene)	21.39	8	260.94	A
Wheat (forage - fodder)	Ammonium propionate	36.2	6	192.0	A
Wheat (forage - fodder)	Ammonium sulfate	9.05	6	192.0	A
Wheat (forage - fodder)	Carfentrazone-ethyl	2.81	6	192.0	A
Wheat (forage - fodder)	Citric acid	18.1	6	192.0	A
Wheat (forage - fodder)	Dicamba, dimethylamine salt	50.3	8	333.68	A
Wheat (forage - fodder)	Diethylene glycol	8.21	8	260.94	A
Wheat (forage - fodder)	Dimethylpolysiloxane	0.18	8	260.94	A
Wheat (forage - fodder)	Fatty acids, mixed	15.64	15	573.62	A
Wheat (forage - fodder)	Lecithin	23.64	7	312.68	A
Wheat (forage - fodder)	Mesosulfuron-methyl	0.44	1	33.28	A
Wheat (forage - fodder)	Pinoxaden	1.91	1	35.66	A
Wheat (forage - fodder)	Propionic acid	23.64	7	312.68	A
Wheat (forage - fodder)	Pyroxsulam	2.26	5	171.0	A
Wheat (forage - fodder)	Sodium polyacrylate	0.91	6	192.0	A