

2023 Annual Statewide Pesticide Use Report

Chemical Totals

[Text files](#) of data are available. Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit. Application counts (Apps) include only agricultural pesticide uses. Area treated totals are cumulative, meaning that if a one-acre field was treated three times in a year, the cumulative area treated would equal three acres. Most nonagricultural pesticide use reports (PURs) are not required to report area treated, so the area treated totals are predominantly agricultural pesticide uses. N/A = Not Available. Most nonagricultural PURs are not required to report acres treated, so the acres treated totals are predominantly agricultural pesticide uses. For more information, see [Pesticide Use Annual Report Data Access, References, and Definitions Guide](#).

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
(3s,6r)-3-methyl-6-isopropenyl-9-decen-1-yl acetate	178.01	2,480	65,647.45	A
(3s,6s)-3-methyl-6-isopropenyl-9-decen-1-yl acetate	178.01	2,480	65,647.45	A
(e)-5-decen-1-ol	3.90	192	1,372.65	A
(e)-5-decenyl acetate	27.58	192	1,372.65	A
(e,e)-8,10-dodecadien-1-ol	1,048.41	460	16,190.82	A
(e,e)-8,10-dodecadien-1-ol	< 0.01	3	9.00	U
(e,e)-9, 11-tetradecadien-1-yl acetate	0.48	2	0.60	A
(e,e)-9, 11-tetradecadien-1-yl acetate	< 0.01	1	4,000.00	S
(nonylphenoxy)poly(oxyethylene)ethanol - iodine complex	< 0.01	N/A	N/A	N/A
(s)-kinoprene	243.02	357	518.39	A
(s)-kinoprene	4.23	N/A	N/A	N/A
(s)-kinoprene	89.92	240	10,349,909.00	S
(s)-verbenone	16.20	1	50.00	A
(s)-verbenone	11.71	N/A	N/A	N/A
(z)-11-hexadecen-1-yl acetate	252.67	1,436	16,828.70	A
(z)-11-hexadecenal	252.67	1,436	16,828.70	A
(z,z)-11,13-hexadecadienal	3,747.88	3,391	338,576.62	A
1,2-benzisothiazolin-3-one	< 0.01	N/A	N/A	N/A
1,3-dibromo-5,5-dimethylhydantoin	191.10	N/A	53.00	U
1,3-dichloro-5,5-dimethylhydantoin	24,936.66	N/A	19,462.00	U
1,3-dichloro-5-ethyl-5-methylhydantoin	13,719.43	N/A	19,462.00	U
1,3-dichloropropene	7,023,405.54	2,217	44,553.68	A
1,3-dichloropropene	< 0.01	1	130.68	S
1,4-dimethylnaphthalene	369.27	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
1,4-dimethylnaphthalene	44.26	N/A	4,000.00	T
1,4-dimethylnaphthalene	71.55	N/A	139,064.86	U
1-(2-hydroxyethyl)-2-alkyl-2-imidazoline, alkyl derived from tall oil fatty acids	103.12	N/A	1.00	U
1-aminocyclopropane-1-carboxylic acid	39.71	19	218.80	A
1-bromo-3-chloro-5,5-dimethyl hydantoin	42.24	N/A	N/A	N/A
1-bromo-3-chloro-5,5-dimethyl hydantoin	152.37	N/A	613,200.00	P
1-bromo-3-chloro-5,5-dimethyl hydantoin	63,930.00	N/A	19,549.00	U
1-methylcyclopropene	0.80	N/A	N/A	N/A
1-methylcyclopropene	0.01	12	106,738.26	S
1-naphthaleneacetamide	0.79	2	24.00	A
1-naphthaleneacetic acid, potassium salt	819.08	170	6,205.51	A
10,10'-oxybisphenoxyarsine	14.85	N/A	N/A	N/A
1080	0.33	N/A	N/A	N/A
2,2-dibromo-3-nitrilopropionamide	160.23	N/A	38.00	A
2,2-dibromo-3-nitrilopropionamide	< 0.01	N/A	N/A	N/A
2,2-dibromo-3-nitrilopropionamide	16.91	N/A	321,090.00	P
2,2-dibromo-3-nitrilopropionamide	29,599.08	N/A	11,004,986.00	U
2,4-d	7,434.46	319	12,514.57	A
2,4-d	1,648.32	N/A	N/A	N/A
2,4-d	0.35	2	17,000.00	S
2,4-d, 2-ethylhexyl ester	9,112.43	164	6,891.81	A
2,4-d, 2-ethylhexyl ester	0.06	N/A	1,000.00	C
2,4-d, 2-ethylhexyl ester	13,541.35	N/A	N/A	N/A
2,4-d, 2-ethylhexyl ester	30.29	9	2,544,250.00	S
2,4-d, 2-ethylhexyl ester	3.11	3	0.03	U
2,4-d, butoxyethanol ester	355.30	14	935.00	A
2,4-d, butoxyethanol ester	1,516.99	N/A	N/A	N/A
2,4-d, diethanolamine salt	1,844.19	111	4,194.90	A
2,4-d, diethanolamine salt	12.82	N/A	N/A	N/A
2,4-d, dimethylamine salt	261,202.66	6,351	241,352.15	A
2,4-d, dimethylamine salt	25,316.81	N/A	N/A	N/A
2,4-d, dimethylamine salt	18.25	37	548,600.00	S
2,4-d, dimethylamine salt	17.02	1	15.00	U
2,4-d, isooctyl ester	151.97	2	82.35	A
2,4-d, isooctyl ester	164.50	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
2,4-d, isooctyl ester	0.66	N/A	25,000.00	S
2,4-d, isopropyl ester	12,417.73	6,973	156,404.81	A
2,4-d, isopropyl ester	28.97	N/A	N/A	N/A
2,4-d, isopropyl ester	626.44	N/A	1,173,462.57	T
2,4-d, triisopropanolamine salt	93.11	N/A	N/A	N/A
2,4-db, dimethylamine salt	68,715.03	1,344	74,984.89	A
2,4-decadienoic acid, ethyl ester, (2e,4z)-	9.12	67	1,641.00	A
2,4-dichlorophenoxyacetic acid, choline salt	22,916.41	1,116	44,924.66	A
2,4-dichlorophenoxyacetic acid, choline salt	23.60	N/A	N/A	N/A
2,4-dp-p, 2-ethylhexyl ester	371.98	60	2,078.15	A
2,4-dp-p, 2-ethylhexyl ester	0.03	N/A	1,000.00	C
2,4-dp-p, 2-ethylhexyl ester	2,536.20	N/A	N/A	N/A
2,4-dp-p, 2-ethylhexyl ester	15.75	7	2,265,000.00	S
2,4-dp-p, 2-ethylhexyl ester	1.79	2	0.02	U
2,4-dp-p, dma salt	0.09	4	6.00	A
2,4-dp-p, dma salt	40.50	N/A	N/A	N/A
2,4-xyleneol	0.02	1	1.00	A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	104,806.16	22,980	489,061.72	A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	819.89	N/A	N/A	N/A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	< 0.01	1	1,100.00	U
2-butoxyethanol	1,219.36	1,170	33,916.32	A
2-butoxyethanol	3,117.78	N/A	N/A	N/A
2-hydroxypropyl guar gum	13.55	16	325.00	A
2-methyl-1-butanol	3.70	N/A	N/A	N/A
2-methyl-4-isothiazolin-3-one	66.99	N/A	911,635.00	C
2-methyl-4-isothiazolin-3-one	23,324.39	N/A	8,571.40	K
2-methyl-4-isothiazolin-3-one	< 0.01	N/A	N/A	N/A
2-methyl-4-isothiazolin-3-one	3.98	N/A	1,029,043.39	P
2-methyl-4-isothiazolin-3-one	1,731.67	N/A	5,416,777.00	U
3,7-dimethyl-6-octen-1-ol	21.55	68	1,418.62	A
3-chloro-p-toluidine hydrochloride	< 0.01	3	345.00	A
3-chloro-p-toluidine hydrochloride	< 0.01	N/A	N/A	N/A
3-iodo-2-propynyl butylcarbamate	31.69	65	829.90	A
3-iodo-2-propynyl butylcarbamate	1,500.69	N/A	6,742.85	K

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
3-iodo-2-propynyl butylcarbamate	10.31	N/A	N/A	N/A
4-aminopyridine	1,952.96	N/A	N/A	N/A
4-nonylphenol, formaldehyde resin, propoxylated	115,808.30	33,330	975,492.31	A
4-nonylphenol, formaldehyde resin, propoxylated	49.48	N/A	N/A	N/A
4-nonylphenol, formaldehyde resin, propoxylated	0.01	1	2,520.00	S
4-vinylcyclohexenediepoxyde	1.08	N/A	N/A	N/A
5-chloro-2-methyl-4-isothiazolin-3-one	187.18	N/A	911,635.00	C
5-chloro-2-methyl-4-isothiazolin-3-one	65,560.46	N/A	8,571.40	K
5-chloro-2-methyl-4-isothiazolin-3-one	11.31	N/A	1,029,043.39	P
5-chloro-2-methyl-4-isothiazolin-3-one	4,963.21	N/A	5,416,777.00	U
Abamectin	36,307.06	60,261	2,064,833.98	A
Abamectin	58.57	N/A	N/A	N/A
Abamectin	33.80	1,318	44,405,336.60	S
Abamectin	2.00	79	1,471,690.00	U
Abamectin, other related	0.20	N/A	N/A	N/A
Acephate	121,416.91	9,633	136,479.18	A
Acephate	4,175.95	N/A	N/A	N/A
Acephate	541.21	463	17,218,657.50	S
Acephate	11,822.26	N/A	1,523.87	T
Acephate	128.65	49	756,942.00	U
Acequinocyl	12,985.65	1,730	33,669.25	A
Acequinocyl	0.88	N/A	N/A	N/A
Acequinocyl	10.50	146	2,761,314.00	S
Acequinocyl	9.62	22	558,422.00	U
Acetamiprid	57,103.93	18,546	482,694.42	A
Acetamiprid	605.38	N/A	N/A	N/A
Acetamiprid	78.92	485	35,812,404.00	S
Acetamiprid	3.68	15	740,827.00	U
Acetic acid	162.42	1	30.00	A
Acetic acid	326.59	N/A	N/A	N/A
Acetic acid	57.82	12	55,100.00	S
Acibenzolar-s-methyl	1,859.69	6,774	69,537.20	A
Acibenzolar-s-methyl	79.16	N/A	N/A	N/A
Acibenzolar-s-methyl	12.18	90	20,499,200.00	S
Acid blue 9, diammonium salt	279.67	12	157.42	A
Acid blue 9, diammonium salt	672.85	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Acrolein	7,721.55	2	667.00	A
Acrolein	697.08	1	3,484.00	K
Acrolein	39,654.05	N/A	N/A	N/A
Acrolein	9,247.76	4	1,380.00	U
Acrylic acid-butyl acrylate-styrene copolymer	83,417.36	8,013	317,261.95	A
Acrylic acid-butyl acrylate-styrene copolymer	33.16	N/A	N/A	N/A
Afidopyropen	8,072.40	12,865	301,518.45	A
Afidopyropen	0.68	N/A	N/A	N/A
Afidopyropen	3.77	39	1,753,604.00	S
Aggregated adjuvant data	163,973.72	34,618	966,806.38	A
Aggregated adjuvant data	7,618.87	N/A	N/A	N/A
Aggregated adjuvant data	32.95	382	4,047,485.20	S
Aggregated adjuvant data	1,908.65	N/A	506,899.29	T
Aggregated adjuvant data	25,319.81	5	968.01	U
Agrobacterium radiobacter strain: k84	61.08	14	240.00	A
Agrobacterium radiobacter strain: k84	0.02	1	300.00	S
Alachlor	9.02	1	3.00	A
Albifimbria verrucariasolids and solubles strain: aarc-0255	2,029.13	40	355.19	A
Alcohols, c12-14-secondary, ethoxylated	163,018.93	37,186	1,538,538.09	A
Alcohols, c12-14-secondary, ethoxylated	107.33	N/A	N/A	N/A
Alcohols, c12-14-secondary, ethoxylated	0.08	2	44,603.50	S
Alcohols, c12-c14, aliphatic	1,211.15	N/A	N/A	N/A
Alcohols, c8-18, ethoxylated propoxylated	42.34	27	746.21	A
Alcohols, c8-18, ethoxylated propoxylated	5.43	N/A	N/A	N/A
Alkyl (50%c14, 40%c12, 10%c16) dimethylbenzyl ammonium saccharinate	< 0.01	N/A	2.00	U
Alkyl (61%c12, 23%c14, 11%c16, 5%c8,c10,c18) dimethylbenzyl ammonium chloride	< 0.01	N/A	N/A	N/A
Alkyl (68%c12, 32%c14) dimethylethylbenzyl ammonium chloride	54.41	69	269.95	A
Alkyl (68%c12, 32%c14) dimethylethylbenzyl ammonium chloride	< 0.01	2	31.00	C
Alkyl (68%c12, 32%c14) dimethylethylbenzyl ammonium chloride	26.43	N/A	N/A	N/A
Alkyl (68%c12, 32%c14) dimethylethylbenzyl ammonium chloride	3.44	23	331,978.00	S

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Alkyl (68%c12, 32%c14) dimethylethylbenzyl ammonium chloride	4,054.76	21	614,783.00	U
Alkyl (c10-16) dimethyl amine oxide	10,382.53	1,203	41,237.87	A
Alkyl (c10-16) dimethyl amine oxide	432.23	N/A	N/A	N/A
Alkyl (c8,c10) polyglucoside	76,964.42	23,047	591,353.76	A
Alkyl (c8,c10) polyglucoside	0.26	1	8.00	K
Alkyl (c8,c10) polyglucoside	17,470.13	N/A	N/A	N/A
Alkyl (c8,c10) polyglucoside	8.77	47	2,084,262.00	S
Alkyl (c8,c10) polyglucoside	32.14	3	0.04	U
Alkyl(42%c12, 26%c18, 15%c14, 8%c16, 5%c10, 4%c8)1,3-propylenediamine	137,485.86	N/A	61.00	U
Alkyl* dimethyl benzyl ammonium chloride *(50%c14, 40%c12, 10%c16)	33.19	45	176.14	A
Alkyl* dimethyl benzyl ammonium chloride *(50%c14, 40%c12, 10%c16)	285.69	N/A	N/A	N/A
Alkyl* dimethyl benzyl ammonium chloride *(50%c14, 40%c12, 10%c16)	3.35	1	440,835.00	S
Alkyl* dimethyl benzyl ammonium chloride *(50%c14, 40%c12, 10%c16)	43,248.39	21	50,674.04	U
Alkyl* dimethyl benzyl ammonium chloride *(58%c14, 28%c16, 14%c12)	0.13	N/A	0.80	A
Alkyl* dimethyl benzyl ammonium chloride *(58%c14, 28%c16, 14%c12)	0.78	N/A	N/A	N/A
Alkyl* dimethyl benzyl ammonium chloride *(60%c14, 30%c16, 5%c18, 5%c12)	54.62	89	289.95	A
Alkyl* dimethyl benzyl ammonium chloride *(60%c14, 30%c16, 5%c18, 5%c12)	< 0.01	2	31.00	C
Alkyl* dimethyl benzyl ammonium chloride *(60%c14, 30%c16, 5%c18, 5%c12)	26.58	N/A	N/A	N/A
Alkyl* dimethyl benzyl ammonium chloride *(60%c14, 30%c16, 5%c18, 5%c12)	3.45	24	341,978.00	S
Alkyl* dimethyl benzyl ammonium chloride *(60%c14, 30%c16, 5%c18, 5%c12)	4,054.76	21	614,783.00	U
Alkyl* dimethyl benzyl ammonium chloride *(67%c12, 25%c14, 7%c16, 1%c18)	16.64	N/A	N/A	N/A
Alkyl* dimethyl benzyl ammonium chloride *(67%c12, 25%c14, 7%c16, 1%c18)	302.52	N/A	343.00	U
Allethrin	0.35	4	68.00	A
Allethrin	0.35	N/A	N/A	N/A
Allyl polyoxyethylene acetate	673.26	420	16,358.76	A
Allyl polyoxyethylene acetate	109.25	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	9,299.93	20,368	513,377.42	A
Alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	447.40	N/A	N/A	N/A
Alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	0.04	3	53,400.00	S
Alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	1,049.87	N/A	76,644.42	T
Alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	< 0.01	2	2,200.00	U
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene) sulfate, ammonium salt	94.74	172	12,671.27	A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene) sulfate, ammonium salt	189.57	N/A	N/A	N/A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene) sulfate, ammonium salt	< 0.01	N/A	1,740.00	S
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	1,832,765.44	189,246	8,434,115.35	A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	0.26	N/A	2,575.00	C
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	61,589.45	N/A	N/A	N/A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	259.19	980	63,468,837.70	S
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	60.42	51	389,430.56	U
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	128,857.51	11,030	402,160.14	A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	1,868.64	N/A	N/A	N/A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	127,642.52	27,067	1,153,068.76	A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	3,784.74	N/A	N/A	N/A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	11.56	10	1,194,420.00	S
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	1.65	3	0.03	U
Alpha-(para-tert-butylphenyl)-omega-hydroxypoly(oxyethylene) phosphate	17,621.99	4,167	171,567.29	A
Alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	66,015.39	12,236	367,707.51	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	116.05	N/A	N/A	N/A
Alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	1.79	41	429,020.00	S
Alpha-alkyl (c10-c14)-omega-hydroxypoly(oxyethylene)	6.05	35	1,148.84	A
Alpha-alkyl (c10-c14)-omega-hydroxypoly(oxyethylene)	435.68	N/A	N/A	N/A
Alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	25,163.05	4,186	183,595.11	A
Alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	231.29	N/A	N/A	N/A
Alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	30.23	2	1,000.00	U
Alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	43,915.19	5,365	259,586.00	A
Alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	513.42	N/A	N/A	N/A
Alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	0.12	1	1,600.00	S
Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	234,991.72	53,711	1,842,849.08	A
Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	6,925.94	N/A	N/A	N/A
Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	0.01	1	1,000.00	S
Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	0.97	23	816.00	U
Alpha-alkyl(c9-c16)-omega-hydroxypoly(oxyethylene)	138,538.64	15,099	692,581.21	A
Alpha-alkyl(c9-c16)-omega-hydroxypoly(oxyethylene)	3,949.30	N/A	N/A	N/A
Alpha-alkyl(c9-c16)-omega-hydroxypoly(oxyethylene)	0.18	N/A	294,095.00	S
Alpha-alkyl(c9-c16)-omega-hydroxypoly(oxyethylene)	0.68	N/A	0.01	U
Alpha-alkylaryl-omega-hydroxypoly(oxyethylene)	244.91	180	2,104.20	A
Alpha-alkylaryl-omega-hydroxypoly(oxyethylene)	5.68	N/A	N/A	N/A
Alpha-c11-15-sec-alkyl-omega-hydroxypoly(oxy-1,2-ethanediyl)	1,567.24	229	9,981.61	A
Alpha-c11-15-sec-alkyl-omega-hydroxypoly(oxy-1,2-ethanediyl)	1.20	2	238,110.00	S

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Alpha-cypermethrin	105.30	63	4,115.07	A
Alpha-cypermethrin	2,907.91	N/A	N/A	N/A
Alpha-isodecyl-omega-hydroxypoly(oxyethylene)	2,392.96	1,489	27,805.52	A
Alpha-isodecyl-omega-hydroxypoly(oxyethylene)	7.74	N/A	N/A	N/A
Alpha-octylphenyl-omega-hydroxypoly(oxyethylene)	4,666.77	1,138	33,221.08	A
Alpha-octylphenyl-omega-hydroxypoly(oxyethylene)	8.53	N/A	N/A	N/A
Alpha-pinene-beta-pinene copolymer	202,582.11	27,726	790,347.72	A
Alpha-pinene-beta-pinene copolymer	242.08	N/A	N/A	N/A
Alpha-pinene-beta-pinene copolymer	668.84	503	59,726,089.00	S
Alpha-pinene-beta-pinene copolymer	0.07	2	2,200.00	U
Alpha-tridecyl-omega-hydroxypoly(oxyethanol) phosphate	54,856.34	18,092	644,176.98	A
Alpha-tridecyl-omega-hydroxypoly(oxyethanol) phosphate	432.18	N/A	N/A	N/A
Alpha-undecyl-omega-hydroxypoly(oxyethylene)	558,240.45	79,062	2,695,479.67	A
Alpha-undecyl-omega-hydroxypoly(oxyethylene)	30,734.50	N/A	N/A	N/A
Alpha-undecyl-omega-hydroxypoly(oxyethylene)	205.58	416	18,564,138.50	S
Alpha-undecyl-omega-hydroxypoly(oxyethylene)	8.50	5	75,727.03	U
Alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	571.74	1,579	18,772.04	A
Alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	177.69	N/A	N/A	N/A
Alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	116.04	440	73,201,600.60	S
Aluminum phosphide	5,438.79	913	40,042.48	A
Aluminum phosphide	11,902.69	94	74,875,952.04	C
Aluminum phosphide	23,755.05	1	638,429.06	K
Aluminum phosphide	29,598.44	N/A	N/A	N/A
Aluminum phosphide	30.95	N/A	1,751,795.00	P
Aluminum phosphide	282.44	3	279,774.40	S
Aluminum phosphide	11,733.35	1	1,621,650.31	T
Aluminum phosphide	954.02	42	259,297.60	U
Ametoctradin	16,038.73	6,104	59,752.55	A
Ametoctradin	3.65	14	568,000.00	S
Ametoctradin	3.27	1	4.00	U
Amines, tallow alkyl, ethoxylated propoxylated	2,905.83	97	5,943.53	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Amines, tallow alkyl, ethoxylated propoxylated	170.10	N/A	N/A	N/A
Aminocyclopyrachlor	260.67	N/A	N/A	N/A
Aminocyclopyrachlor, potassium salt	171.10	2	1,344.07	A
Aminocyclopyrachlor, potassium salt	6,245.62	N/A	N/A	N/A
Aminocyclopyrachlor, potassium salt	3.71	N/A	697,805.00	S
Aminocyclopyrachlor, potassium salt	0.11	N/A	29,941.00	U
Aminoethoxyvinylglycine hydrochloride	985.38	361	11,488.22	A
Aminoethoxyvinylglycine hydrochloride	0.55	N/A	N/A	N/A
Aminoethoxyvinylglycine hydrochloride	0.24	61	140,942.00	S
Aminopyralid, triisopropanolamine salt	7,143.81	911	37,230.88	A
Aminopyralid, triisopropanolamine salt	0.03	1	200.00	C
Aminopyralid, triisopropanolamine salt	31,413.78	N/A	N/A	N/A
Aminopyralid, triisopropanolamine salt	0.17	3	2,730.00	S
Aminopyralid, triisopropanolamine salt	2.35	9	10.00	U
Amitraz	0.48	4	245.50	A
Amitraz	0.03	N/A	N/A	N/A
Amitraz	2.93	14	3,167.00	U
Ammonium 1-naphthaleneacetate	179.16	71	1,556.67	A
Ammonium 1-naphthaleneacetate	46.86	N/A	N/A	N/A
Ammonium bicarbonate	0.05	N/A	N/A	N/A
Ammonium lauryl sulfate	0.41	N/A	N/A	N/A
Ammonium nitrate	54,748.49	20,348	557,827.69	A
Ammonium nitrate	0.13	1	8.00	K
Ammonium nitrate	5,270.07	N/A	N/A	N/A
Ammonium nitrate	0.13	3	8,712.00	S
Ammonium nitrate	15.39	5	490.04	U
Ammonium nonanoate	2,197.51	68	390.41	A
Ammonium nonanoate	2,505.49	N/A	N/A	N/A
Ammonium oleate	1.85	N/A	N/A	N/A
Ammonium propionate	68,904.64	14,664	466,776.83	A
Ammonium propionate	3,398.34	N/A	N/A	N/A
Ammonium propionate	< 0.01	1	0.01	U
Ammonium soaps of fatty acids	52.81	17	5.01	A
Ammonium soaps of fatty acids	801.03	N/A	N/A	N/A
Ammonium soaps of fatty acids	2.26	2	800.00	S
Ammonium sulfate	1,035,482.82	71,737	2,610,988.59	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Ammonium sulfate	0.25	1	8.00	K
Ammonium sulfate	64,580.26	N/A	N/A	N/A
Ammonium sulfate	2.25	11	53,952.00	S
Ammonium sulfate	34.28	7	490.06	U
Ancymidol	0.09	142	3,024.73	A
Ancymidol	0.13	526	7,609,580.00	S
Aspergillus flavus strain nrsl #21882	249.38	2,496	264,726.43	A
Aspergillus flavus strain nrsl #21882	< 0.01	N/A	N/A	N/A
Aspergillus flavus strain: af-36	9.57	1,273	118,871.49	A
Atrazine	16,965.89	207	11,646.62	A
Atrazine, other related	321.86	207	11,646.62	A
Aureobasidium pullulans subspecies pullulans dsm # 14940	829.44	176	3,335.85	A
Aureobasidium pullulans subspecies pullulans dsm # 14941	829.44	176	3,335.85	A
Azadirachtin	4,973.62	14,620	162,206.61	A
Azadirachtin	0.06	3	38,000.00	C
Azadirachtin	6.79	N/A	N/A	N/A
Azadirachtin	720.51	6,116	84,357,011.52	S
Azadirachtin	0.21	8	118,803.00	U
Azoxystrobin	309,673.69	36,925	1,600,840.93	A
Azoxystrobin	4,733.49	N/A	N/A	N/A
Azoxystrobin	12.36	N/A	782,574.54	P
Azoxystrobin	185.10	1,067	33,344,817.51	S
Azoxystrobin	5,850.60	N/A	3,220,473.45	T
Azoxystrobin	72.66	24	2,754,947.00	U
Bacillus altitudinis strain: qst 2808	6,873.64	5,036	74,698.79	A
Bacillus altitudinis strain: qst 2808	11.95	80	9,129,870.00	S
Bacillus altitudinis strain: qst 2808	< 0.01	1	1,100.00	U
Bacillus amyloliquefaciens strain: f727	59,244.19	1,282	16,334.75	A
Bacillus amyloliquefaciens strain: f727	2,768.09	218	12,694,876.00	S
Bacillus amyloliquefaciens subsp. plantarum strain: fzb42	229.35	9	488.78	A
Bacillus mycoides isolate j	219.08	272	2,775.75	A
Bacillus mycoides isolate j	33.23	93	12,657,600.00	S
Bacillus sphaericus 2362 serotype h5a5b strain: abts 1743	11.34	1	42.00	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Bacillus sphaericus 2362 serotype h5a5b strain: abts 1743	12,921.62	N/A	N/A	N/A
Bacillus subtilis strain: afs032321	3,703.10	87	1,631.80	A
Bacillus subtilis subspecies subtilis strain: iab/bs03	83.83	1,098	24,312.35	A
Bacillus subtilis subspecies subtilis strain: iab/bs03	0.01	N/A	N/A	N/A
Bacillus subtilis subspecies subtilis strain: iab/bs03	0.03	2	36,000.00	S
Bacillus subtilis var. amyloliquefaciens strain fzb24	9.67	22	405.39	A
Bacillus subtilis var. amyloliquefaciens strain fzb24	0.02	6	10,200.00	S
Bacillus thuringiensis (berliner)	2.24	33	438.50	A
Bacillus thuringiensis (berliner)	0.50	N/A	N/A	N/A
Bacillus thuringiensis (berliner), subsp. aizawai, serotype h-7	5.66	24	55.22	A
Bacillus thuringiensis (berliner), subsp. aizawai, serotype h-7	20.59	77	9,110,600.00	S
Bacillus thuringiensis (berliner), subsp. kurstaki, serotype 3a,3b	1.45	11	73.52	A
Bacillus thuringiensis (berliner), subsp. kurstaki, serotype 3a,3b	0.03	N/A	N/A	N/A
Bacillus thuringiensis (berliner), subsp. kurstaki, serotype 3a,3b	0.12	5	55,838.00	S
Bacillus thuringiensis (berliner), subsp. kurstaki, serotype 3a,3b	< 0.01	1	0.02	U
Bacillus thuringiensis (berliner), subsp. kurstaki, strain sa-11	65,317.83	3,508	64,776.97	A
Bacillus thuringiensis (berliner), subsp. kurstaki, strain sa-11	24.40	N/A	N/A	N/A
Bacillus thuringiensis (berliner), subsp. kurstaki, strain sa-11	7.85	14	559,796.00	S
Bacillus thuringiensis subsp. aizawai strain: abts-1857	145,328.70	17,304	173,870.72	A
Bacillus thuringiensis subsp. aizawai strain: abts-1857	1.42	N/A	N/A	N/A
Bacillus thuringiensis subsp. aizawai strain: abts-1857	419.11	224	39,169,755.00	S
Bacillus thuringiensis subsp. aizawai strain: gc-91	35,143.55	3,367	42,279.37	A
Bacillus thuringiensis subsp. aizawai strain: sd-1372, lepidopteran active toxins	10.41	4	50.53	A
Bacillus thuringiensis subsp. israelensis strain: am 65-52	981.24	404	2,482.93	A
Bacillus thuringiensis subsp. israelensis strain: am 65-52	85,669.72	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Bacillus thuringiensis subsp. israelensis strain: am 65-52	972.61	820	10,087,203.25	S
Bacillus thuringiensis subsp. israelensis strain: am 65-52	187.09	2	0.02	U
Bacillus thuringiensis subsp. israelensis strain: sum-6218	2.08	N/A	N/A	N/A
Bacillus thuringiensis subsp. kurstaki strain: abts-351	128,451.11	13,924	211,137.81	A
Bacillus thuringiensis subsp. kurstaki strain: abts-351	180.49	N/A	N/A	N/A
Bacillus thuringiensis subsp. kurstaki strain: abts-351	250.97	321	14,132,784.50	S
Bacillus thuringiensis subsp. kurstaki strain: abts-351	0.54	1	580.00	U
Bacillus thuringiensis subsp. kurstaki strain: eg7841 , genetically engineered	2,120.92	780	5,128.96	A
Bacillus thuringiensis subsp. kurstaki strain: eg7841 , genetically engineered	0.06	1	18,912.00	S
Bacillus thuringiensis subsp. kurstaki strain: evb-113-19	53,899.68	2,928	191,162.69	A
Bacillus thuringiensis subsp. kurstaki strain: evb-113-19	5.60	82	63,708.00	S
Bacillus thuringiensis subsp. kurstaki strain: sa-12	29,583.04	1,771	38,633.64	A
Bacillus thuringiensis subsp. kurstaki strain: sa-12	0.01	N/A	10.00	C
Bacillus thuringiensis subsp. kurstaki strain: sa-12	5.25	N/A	N/A	N/A
Bacillus thuringiensis subsp. kurstaki strain: sa-12	98.96	11	150,700.00	S
Bacillus thuringiensis subspecies israelensis strain bmp 144	160.63	12	145.10	A
Bacillus thuringiensis subspecies israelensis strain bmp 144	0.01	5	8,750.00	C
Bacillus thuringiensis subspecies israelensis strain bmp 144	6,092.39	N/A	N/A	N/A
Bacillus thuringiensis subspecies israelensis strain bmp 144	1.81	86	402,130.00	S
Bacillus thuringiensis, subsp. kurstaki, strain hd-1	19.72	15	367.50	A
Bacillus velensis strain: qst 713	13,586.52	10,674	135,367.91	A
Bacillus velensis strain: qst 713	0.01	2	4,000.00	C
Bacillus velensis strain: qst 713	16.23	N/A	N/A	N/A
Bacillus velensis strain: qst 713	134.88	1,465	10,630,344.35	S
Bacillus velensis strain: qst 713	0.34	8	32,500.00	U
Bacillus velezensis strain: d747	194,578.76	5,068	51,920.15	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Bacillus velezensis strain: d747	128.30	N/A	N/A	N/A
Bacillus velezensis strain: d747	5,274.22	674	27,214,419.13	S
Bacillus velezensis strain: env503	nan	N/A	N/A	N/A
Bacillus velezensis strain: gb03	0.35	N/A	44.40	A
Bacillus velezensis strain: gb03	0.55	N/A	N/A	N/A
Bacillus velezensis strain: gb03	0.03	N/A	300,000.00	S
Bacillus velezensis strain: mbi 600	2,746.57	1,479	45,016.70	A
Bacillus velezensis strain: mbi 600	< 0.01	N/A	N/A	N/A
Bacteriophage active against pseudomonas syringae pathovar tomato	< 0.01	7	35.00	A
Bacteriophages active against xylella fastidiosa	< 0.01	30	52.67	A
Bandane	0.02	N/A	N/A	N/A
Beauveria bassiana hf23	0.26	N/A	N/A	N/A
Beauveria bassiana hf23	2.17	N/A	3,300,000.00	S
Beauveria bassiana hf23	50.46	N/A	181.00	U
Beauveria bassiana strain: ant-03	2,685.10	334	3,824.03	A
Beauveria bassiana strain: ant-03	0.34	N/A	N/A	N/A
Beauveria bassiana strain: ant-03	37.22	346	2,156,273.00	S
Beauveria bassiana strain: gha	6,355.01	2,232	24,151.99	A
Beauveria bassiana strain: gha	0.44	1	33,000.00	C
Beauveria bassiana strain: gha	4,545.30	N/A	N/A	N/A
Beauveria bassiana strain: gha	287.93	934	30,425,852.39	S
Beauveria bassiana strain: gha	0.44	N/A	35.00	U
Beauveria bassiana strain: ppri 5339	19.45	208	349.03	A
Beauveria bassiana strain: ppri 5339	10.62	135	1,130,311.00	S
Bendiocarb	0.74	N/A	N/A	N/A
Benefin	7,548.60	139	8,369.19	A
Benefin	1.07	N/A	N/A	N/A
Bensulfuron methyl	866.36	224	18,564.84	A
Bensulide	382,976.36	10,835	102,834.76	A
Bensulide	960.21	N/A	N/A	N/A
Bensulide	52.09	N/A	280,000.00	S
Bentazon, sodium salt	7,329.00	476	6,284.56	A
Bentazon, sodium salt	48.77	N/A	N/A	N/A
Bentonite	108,620.15	3,691	76,823.97	A
Bentonite	48.00	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Benzobicyclon	53,431.61	3,037	232,856.83	A
Benzoic acid	4,029.46	19,831	544,803.21	A
Benzoic acid	213.67	N/A	N/A	N/A
Benzovindiflupyr	3,743.73	1,972	57,298.13	A
Benzovindiflupyr	53.52	N/A	N/A	N/A
Benzovindiflupyr	1.36	28	748,440.00	S
Benzyldiethyl [(2,6-xylylcarbamoyl)methyl] ammonium saccharide	< 0.01	N/A	N/A	N/A
Beta-conglutin	25,660.89	1,867	47,602.11	A
Beta-cyfluthrin	9,510.67	13,168	356,022.71	A
Beta-cyfluthrin	9,263.81	N/A	N/A	N/A
Beta-cyfluthrin	1.43	7	914,256.00	S
Beta-cyfluthrin	151.70	30	31,133.00	U
Bifenazate	180,343.64	8,529	301,725.96	A
Bifenazate	0.09	1	8,000.00	C
Bifenazate	22.64	N/A	N/A	N/A
Bifenazate	50.70	336	9,426,568.00	S
Bifenazate	15.68	26	603,794.00	U
Bifenthrin	244,138.64	31,062	1,586,850.84	A
Bifenthrin	75.54	45	272,525.09	C
Bifenthrin	89,081.96	N/A	N/A	N/A
Bifenthrin	190.60	641	13,203,651.50	S
Bifenthrin	4.29	31	196,012.50	U
Bis butenylene tetrahydro furfural	< 0.01	N/A	N/A	N/A
Bispyribac-sodium	4,653.04	2,003	139,417.95	A
Bispyribac-sodium	0.28	N/A	N/A	N/A
Boric acid	244.68	6	71.50	A
Boric acid	333,138.17	N/A	N/A	N/A
Boric acid	11,744.03	11	1,248,698.00	S
Boric acid	399,446.40	13	975,290.00	U
Boscalid	110,146.67	20,675	404,027.12	A
Boscalid	0.19	2	41,000.00	C
Boscalid	117.63	N/A	N/A	N/A
Boscalid	80.00	445	7,346,559.75	S
Boscalid	8.91	50	268,137.00	U
Brodifacoum	< 0.01	6	166.00	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Brodifacoum	0.73	N/A	N/A	N/A
Brodifacoum	< 0.01	N/A	477,152.00	S
Brodifacoum	0.09	6	135.00	U
Bromacil	688.67	37	643.85	A
Bromacil	1,447.85	N/A	N/A	N/A
Bromacil, lithium salt	55.17	N/A	N/A	N/A
Bromadiolone	0.11	102	3,540.19	A
Bromadiolone	2.55	N/A	N/A	N/A
Bromadiolone	< 0.01	1	35,000.00	P
Bromadiolone	0.02	77	5,937,228.00	S
Bromadiolone	0.10	N/A	113.03	U
Bromethalin	0.01	24	259.90	A
Bromethalin	< 0.01	N/A	585,728.00	C
Bromethalin	58.03	N/A	N/A	N/A
Bromethalin	0.10	61	14,313,228.00	S
Bromethalin	0.01	14	985,065.03	U
Bromoxynil heptanoate	10,731.96	1,134	49,141.91	A
Bromoxynil heptanoate	6.88	N/A	N/A	N/A
Bromoxynil octanoate	41,737.97	2,204	116,363.81	A
Bromoxynil octanoate	7.14	N/A	N/A	N/A
Bronopol	541.84	N/A	911,635.00	C
Bronopol	0.12	N/A	N/A	N/A
Bronopol	1.24	N/A	173,055.00	P
Bronopol	1,701.94	N/A	5,400,009.00	U
Buprofezin	264,657.48	4,605	204,543.20	A
Buprofezin	2.39	N/A	N/A	N/A
Buprofezin	57.71	71	8,309,388.01	S
Buprofezin	4.46	3	716,963.00	U
Burkholderia rinojensis strain a396	523,556.22	5,630	111,593.81	A
Burkholderia rinojensis strain a396	2.25	1	3,800.00	C
Burkholderia rinojensis strain a396	1.28	N/A	N/A	N/A
Burkholderia rinojensis strain a396	2,299.77	1,075	3,245,738.00	S
Burkholderia rinojensis strain a396	141.38	N/A	637.59	T
Burkholderia rinojensis strain a396	0.14	1	4,000.00	U
Butadiene-styrene copolymer	15,130.06	9,838	167,195.05	A
Butadiene-styrene copolymer	78.30	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Butadiene-styrene copolymer	35.54	300	15,279,077.00	S
Butadiene-styrene copolymer	0.56	2	4.00	U
Butopyronoxyl	3.22	N/A	N/A	N/A
Butyl alcohol	26,063.59	8,119	409,394.48	A
Butyl alcohol	693.84	N/A	N/A	N/A
Butyl alcohol	0.62	1	175,155.00	S
Butyl lactate	2,838.87	1,824	80,799.37	A
Butyl lactate	2,310.22	N/A	N/A	N/A
Butyl lactate	85.17	492	21,925,518.00	S
Butyl lactate	8.34	15	338,588.00	U
Cacodylic acid	0.08	1	8.70	A
Cacodylic acid	0.43	N/A	N/A	N/A
Cadmium chloride	0.04	2	3.37	A
Cadmium chloride	0.46	N/A	N/A	N/A
Cadmium chloride	0.03	5	50,000.00	S
Calcium acetate	0.55	N/A	N/A	N/A
Calcium carbonate	141.70	16	141.70	A
Calcium carbonate	120,736.00	N/A	15,202.00	U
Calcium chloride	11,305.77	4,887	215,449.20	A
Calcium chloride	16.27	N/A	N/A	N/A
Calcium hydroxide	4,703,294.18	10,480	257,669.72	A
Calcium hydroxide	33.75	2	418,100.00	U
Calcium hypochlorite	3,388.43	1	8,337.23	A
Calcium hypochlorite	263.61	N/A	852,393.00	K
Calcium hypochlorite	3,015.22	N/A	N/A	N/A
Calcium hypochlorite	1,580.91	2,073	14,233,375.00	S
Calcium hypochlorite	18.36	N/A	3,053.00	T
Calcium hypochlorite	13,773.06	N/A	35,172.00	U
Calcium oxytetracycline	1,784.39	378	11,750.66	A
Calcium oxytetracycline	< 0.01	N/A	N/A	N/A
Calcium salts of phosphorous acid	0.48	2	0.60	A
Canola oil	2,759.65	2,093	29,052.80	A
Canola oil	25.39	N/A	N/A	N/A
Canola oil	11.58	62	1,415,317.00	S
Canola oil	15.94	12	62.00	U
Capric acid	205,687.29	2,541	42,890.36	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Capric acid	12,025.13	N/A	N/A	N/A
Capric acid	32.01	17	352,626.40	S
Capric acid	0.04	4	0.04	U
Caprylic acid	279,475.86	2,542	42,898.86	A
Caprylic acid	17,218.65	N/A	N/A	N/A
Caprylic acid	41.75	17	352,626.40	S
Caprylic acid	0.06	4	0.04	U
Capsicum oleoresin	455.65	806	4,152.31	A
Capsicum oleoresin	0.56	N/A	N/A	N/A
Capsicum oleoresin	8.78	156	5,708,561.00	S
Captan	367,536.24	5,899	206,790.33	A
Captan	22.65	N/A	N/A	N/A
Captan	1.01	6	12,979.00	S
Captan	87.87	9	716.00	U
Captan, other related	4,432.70	3,102	110,644.23	A
Captan, other related	0.51	N/A	N/A	N/A
Captan, other related	< 0.01	2	10,479.00	S
Captan, other related	0.22	7	108.00	U
Carbaryl	80,141.72	2,582	107,934.90	A
Carbaryl	4,243.42	N/A	N/A	N/A
Carbaryl	104.29	115	983,025.00	S
Carbaryl	20.71	16	9,781.01	U
Carbo methoxy ether cellulose, sodium salt	3.51	78	705.14	A
Carbon	66.81	24	595.50	A
Carbon	3,306.51	N/A	N/A	N/A
Carbon dioxide	10,618.37	N/A	232,416.00	C
Carbon dioxide	92,703.78	N/A	N/A	N/A
Carbon dioxide	4,495.50	N/A	1,264,635.00	P
Carbon dioxide	7,655.17	N/A	275,526.00	U
Carbon disulfide	1.64	N/A	N/A	N/A
Carboxin	30.28	N/A	27,101.36	P
Carfentrazone-ethyl	17,068.33	20,862	777,021.09	A
Carfentrazone-ethyl	< 0.01	N/A	1,000.00	C
Carfentrazone-ethyl	594.39	N/A	N/A	N/A
Carfentrazone-ethyl	2.94	11	3,993,250.00	S
Carfentrazone-ethyl	17.29	3	27,200.03	U

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Casein	8,121.79	3,691	76,823.97	A
Casein	3.60	N/A	N/A	N/A
Castor oil ethoxylate	42,323.73	15,129	548,636.68	A
Castor oil ethoxylate	102.39	N/A	N/A	N/A
Castor oil, ethoxylated, oleate	1,384.41	900	23,750.97	A
Castor oil, ethoxylated, oleate	0.15	N/A	N/A	N/A
Cerevisane (cell walls of saccharomyces cerevisiae strain las117)	3,611.44	891	14,296.02	A
Cerevisane (cell walls of saccharomyces cerevisiae strain las117)	< 0.01	1	1,100.00	U
Chlorantraniliprole	169,012.44	45,924	2,216,042.84	A
Chlorantraniliprole	1,316.20	N/A	N/A	N/A
Chlorantraniliprole	7.24	16	1,700,300.00	S
Chlorantraniliprole	28.30	N/A	1,535.00	U
Chlordane	1.07	N/A	N/A	N/A
Chlordecone	< 0.01	N/A	N/A	N/A
Chlorfenapyr	105.23	566	2,748.52	A
Chlorfenapyr	< 0.01	1	100.00	K
Chlorfenapyr	49,538.82	N/A	N/A	N/A
Chlorfenapyr	28.77	167	4,641,822.00	S
Chlorflurenol, methyl ester	64.48	N/A	N/A	N/A
Chlorine	25,870.00	N/A	3,323.00	A
Chlorine	0.46	N/A	2,556.00	C
Chlorine	139,320.00	N/A	289,549.94	K
Chlorine	7,363.00	N/A	23,831.00	T
Chlorine	350,409.26	N/A	54,633.00	U
Chlorine dioxide	4.29	N/A	N/A	N/A
Chlorine dioxide	1,659.31	N/A	173,290.00	U
Chlormequat chloride	527.42	1,390	10,081.01	A
Chlormequat chloride	45.67	381	4,332,625.00	S
Chlorophacinone	0.86	194	8,621.29	A
Chlorophacinone	< 0.01	N/A	23,900.12	K
Chlorophacinone	10.07	N/A	N/A	N/A
Chloropicrin	8,515,650.27	2,264	46,532.20	A
Chloropicrin	181.68	N/A	N/A	N/A
Chlorothalonil	1,114,232.78	15,601	606,801.27	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Chlorothalonil	77,596.67	N/A	N/A	N/A
Chlorothalonil	3,093.37	399	34,286,655.00	S
Chlorothalonil	47.44	9	63,909.00	U
Chlorpropham	29.84	N/A	66,666.00	P
Chlorpropham	79.66	N/A	22,955.00	T
Chlorpropham	1,272.70	N/A	1,203,065.14	U
Chlorpyrifos	43.38	16	262.74	A
Chlorpyrifos	1,889.33	N/A	N/A	N/A
Chlorsulfuron	148.89	33	3,816.57	A
Chlorsulfuron	7,481.89	N/A	N/A	N/A
Chlorsulfuron	0.83	N/A	697,805.00	S
Chlorsulfuron	0.04	N/A	29,941.00	U
Chlorthal-dimethyl	112,398.73	3,626	26,112.98	A
Chlorthal-dimethyl	2.26	N/A	N/A	N/A
Chlorthal-dimethyl	1.49	3	31,998.00	S
Cholecalciferol	206.31	N/A	N/A	N/A
Chromobacterium subtsugae strain: praa4-1	34,950.68	3,515	46,702.98	A
Chromobacterium subtsugae strain: praa4-1	3.54	N/A	N/A	N/A
Chromobacterium subtsugae strain: praa4-1	426.94	464	29,976,015.00	S
Cinnamaldehyde	3,756.30	494	8,024.41	A
Citric acid	186,796.34	67,618	2,369,964.44	A
Citric acid	5,859.81	N/A	N/A	N/A
Citric acid	31.79	611	22,759,611.20	S
Citric acid	2.69	20	339,522.01	U
Clarified hydrophobic extract of neem oil	0.05	1	15,958.00	?
Clarified hydrophobic extract of neem oil	71,469.25	3,174	22,246.32	A
Clarified hydrophobic extract of neem oil	444.69	N/A	N/A	N/A
Clarified hydrophobic extract of neem oil	5,882.37	1,252	14,743,070.00	S
Clarified hydrophobic extract of neem oil	25.04	20	77,500.00	U
Clethodim	194,659.08	30,118	1,200,601.76	A
Clethodim	3,581.16	N/A	N/A	N/A
Clethodim	0.03	1	30,000.00	S
Clethodim	1.19	1	0.01	U
Clofentezine	13,685.93	1,303	60,752.62	A
Clofentezine	0.39	N/A	N/A	N/A
Clofentezine	0.19	2	80,000.00	S

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Clomazone	42,604.38	1,211	100,956.35	A
Clonostachys rosea strain: j1446	184.62	51	319.12	A
Clonostachys rosea strain: j1446	0.69	9	55,200.00	S
Clopyralid	0.17	1	0.70	A
Clopyralid	0.59	N/A	N/A	N/A
Clopyralid, monoethanolamine salt	8,430.02	915	33,202.07	A
Clopyralid, monoethanolamine salt	3,415.80	N/A	N/A	N/A
Clopyralid, monoethanolamine salt	9.74	7	1,792,000.00	S
Clopyralid, triethylamine salt	44.13	4	194.80	A
Clopyralid, triethylamine salt	21.82	N/A	N/A	N/A
Clothianidin	12,288.95	5,464	104,370.37	A
Clothianidin	4,996.35	N/A	N/A	N/A
Clothianidin	3,004.12	N/A	20,630.80	P
Clothianidin	2.56	N/A	327,860.00	S
Coconut diethanolamide	20,787.66	3,779	115,511.58	A
Coconut diethanolamide	18.22	N/A	N/A	N/A
Coconut diethanolamide	22.84	440	73,201,600.60	S
Coniothyrium minitans strain: con/m/91-08	435.05	173	3,275.42	A
Coniothyrium minitans strain: con/m/91-08	0.01	1	450.00	S
Copper	1.01	N/A	N/A	N/A
Copper 8-quinolinoleate	0.04	N/A	N/A	N/A
Copper ammonium carbonate	81,597.47	N/A	N/A	N/A
Copper ammonium complex	2.62	5	3.53	A
Copper ammonium complex	160.35	N/A	N/A	N/A
Copper ammonium complex	1.27	9	45.00	U
Copper carbonate, basic	3,556.30	N/A	N/A	N/A
Copper citrate chelate	86.50	N/A	N/A	N/A
Copper diammonium diacetate complex	232.33	54	243.35	A
Copper diammonium diacetate complex	< 0.01	N/A	10.00	C
Copper diammonium diacetate complex	299.82	N/A	N/A	N/A
Copper diammonium diacetate complex	0.17	2	6,400.00	S
Copper ethanolamine complexes, mixed	18,190.07	50	5,749.32	A
Copper ethanolamine complexes, mixed	424.54	N/A	3,117,650.56	C
Copper ethanolamine complexes, mixed	830,822.69	N/A	179,560.30	K
Copper ethanolamine complexes, mixed	54,983.06	N/A	N/A	N/A
Copper ethanolamine complexes, mixed	2.97	N/A	55,000.00	S

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Copper ethanolamine complexes, mixed	5,518.06	N/A	528.77	U
Copper ethylenediamine complex	26,666.79	3	1,248.54	A
Copper ethylenediamine complex	640.93	N/A	10,193.04	K
Copper ethylenediamine complex	8,085.43	N/A	N/A	N/A
Copper ethylenediamine complex	114.86	N/A	399,900.00	S
Copper gluconate chelate	83.82	N/A	N/A	N/A
Copper hydroxide	1,516,808.60	28,568	849,682.76	A
Copper hydroxide	2,665.67	N/A	N/A	N/A
Copper hydroxide	5,739.78	N/A	778,566.42	P
Copper hydroxide	20.99	102	1,172,435.00	S
Copper hydroxide	6.20	11	466.00	U
Copper naphthenate	4,098.06	N/A	N/A	N/A
Copper octanoate	22,470.06	5,116	32,959.87	A
Copper octanoate	67.59	N/A	N/A	N/A
Copper octanoate	964.44	464	35,180,144.60	S
Copper octanoate	15.37	10	192,068.00	U
Copper oxychloride	330,362.87	8,011	253,117.00	A
Copper oxychloride	500.87	N/A	N/A	N/A
Copper oxychloride	1.29	49	100,400.00	S
Copper oxychloride	1.91	2	4.00	U
Copper salts of fatty and rosin acids	10.62	2	2.50	A
Copper salts of fatty and rosin acids	7.12	N/A	N/A	N/A
Copper salts of fatty and rosin acids	36.68	2	392,400.00	S
Copper sulfate (basic)	782,096.26	8,776	211,804.39	A
Copper sulfate (basic)	3.85	N/A	N/A	N/A
Copper sulfate (basic)	0.36	1	31,000.00	S
Copper sulfate (basic)	35.37	2	418,100.00	U
Copper sulfate (pentahydrate)	1,311,079.31	3,090	163,661.69	A
Copper sulfate (pentahydrate)	7,293.82	N/A	3,683.25	C
Copper sulfate (pentahydrate)	7,588.32	N/A	258,131.00	K
Copper sulfate (pentahydrate)	213,183.96	N/A	N/A	N/A
Copper sulfate (pentahydrate)	95.89	192	3,918,158.00	S
Copper sulfate (pentahydrate)	190,867.45	4	133,026.26	U
Copper triethanolamine complex	2,816.85	4	438.45	A
Copper triethanolamine complex	10,569.91	N/A	N/A	N/A
Copper triethanolamine complex	128.99	N/A	389,900.00	S

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Corn syrup	13,259.89	1,383	49,258.71	A
Corn syrup	14.92	N/A	N/A	N/A
Cottonseed oil	3,171.89	144	4,518.90	A
Cottonseed oil	29.16	N/A	N/A	N/A
Coumaphos	0.05	N/A	N/A	N/A
Coyote urine	0.46	N/A	N/A	N/A
Creosote	1.27	N/A	N/A	N/A
Crotoxyphos	< 0.01	N/A	N/A	N/A
Cryolite	153,916.08	635	17,463.49	A
Cube extracts	2.85	N/A	N/A	N/A
Cuprous oxide	198,507.15	4,353	86,611.49	A
Cuprous oxide	233.13	N/A	N/A	N/A
Cuprous oxide	418.00	217	15,456,631.00	S
Cyanazine	1.57	1	31.30	A
Cyanazine	0.20	N/A	N/A	N/A
Cyantraniliprole	49,045.26	24,047	378,335.32	A
Cyantraniliprole	4.41	N/A	N/A	N/A
Cyantraniliprole	2.71	N/A	1,611.80	P
Cyantraniliprole	3,594.07	938	16,413,983.00	S
Cyantraniliprole	5.16	26	939,137.00	U
Cyazofamid	3,748.81	4,169	30,804.44	A
Cyazofamid	420.13	N/A	N/A	N/A
Cyazofamid	36.87	156	13,487,646.00	S
Cyazofamid	1.19	19	95,172.00	U
Cyclanilide	1,490.25	470	20,203.53	A
Cyclaniliprole	754.53	1,045	12,233.56	A
Cyclaniliprole	1.18	6	163,000.00	S
Cycloate	40,313.16	2,483	19,437.41	A
Cycloate	8.22	N/A	N/A	N/A
Cydia pomonella granulosis virus	0.35	290	3,426.81	A
Cydia pomonella granulosis virus	< 0.01	N/A	N/A	N/A
Cyflufenamid	8,059.14	8,821	303,368.11	A
Cyflufenamid	< 0.01	N/A	N/A	N/A
Cyflufenamid	0.14	34	83,165.00	S
Cyflumetofen	60,319.40	7,777	330,162.63	A
Cyflumetofen	1.58	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Cyflumetofen	14.65	150	3,064,145.00	S
Cyflumetofen	3.85	6	75,347.00	U
Cyfluthrin	10,014.72	6,496	188,889.31	A
Cyfluthrin	0.01	1	80,875.00	C
Cyfluthrin	1,270.45	N/A	N/A	N/A
Cyfluthrin	99.75	336	7,067,302.00	S
Cyfluthrin	1.57	36	447,881.00	U
Cyhalofop-butyl	14,315.31	648	47,509.04	A
Cyhalofop-butyl	1.22	N/A	N/A	N/A
Cymoxanil	7,005.40	2,336	50,405.72	A
Cymoxanil	0.24	N/A	N/A	N/A
Cypermethrin	1,334.38	685	14,024.53	A
Cypermethrin	14,048.63	N/A	N/A	N/A
Cypermethrin	29.64	N/A	N/A	U
Cyprodinil	151,952.62	18,429	583,691.72	A
Cyprodinil	2.63	N/A	N/A	N/A
Cyprodinil	86.00	326	14,554,478.44	S
Cyprodinil	115.05	2	6,136.00	U
Cyromazine	2,996.70	2,387	20,578.60	A
Cyromazine	0.26	N/A	N/A	N/A
Cyromazine	442.53	N/A	8,596.10	P
Cyromazine	133.68	353	15,879,773.00	S
Cyromazine	0.25	1	1,800.00	U
Cytokinin (as kinetin)	< 0.01	1	157.00	A
D-allethrin	0.16	N/A	N/A	N/A
D-allethrin, other related	< 0.01	N/A	77.00	A
D-allethrin, other related	< 0.01	N/A	N/A	N/A
D-glucopyranose, oligomeric, c9-11-alkyl glycosides	1,113.13	1,479	71,657.72	A
D-glucopyranose, oligomeric, c9-11-alkyl glycosides	3,543.38	N/A	N/A	N/A
D-trans allethrin	0.12	N/A	77.00	A
D-trans allethrin	7.12	N/A	N/A	N/A
Daminozide	2,984.05	2,018	32,650.69	A
Daminozide	2.55	N/A	N/A	N/A
Daminozide	798.75	1,330	14,574,527.40	S
Dazomet	2.20	2	128.00	C
Dazomet	11,076.08	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Ddvp	1,114.37	N/A	1,297.00	A
Ddvp	114.50	N/A	15,827,237.00	C
Ddvp	51.38	N/A	22,618.14	K
Ddvp	2,711.19	N/A	N/A	N/A
Ddvp	14.29	N/A	164,000.00	S
Ddvp	62.45	N/A	17.50	U
Ddvp, other related	16.20	N/A	1,110.00	A
Ddvp, other related	5.42	N/A	N/A	N/A
Ddvp, other related	0.83	N/A	140,000.00	S
Deet	0.02	1	1.00	A
Deet	42.33	N/A	N/A	N/A
Deet	2.97	2	28,620.00	S
Deet, other related	< 0.01	1	1.00	A
Deet, other related	2.22	N/A	N/A	N/A
Deet, other related	0.16	2	28,620.00	S
Deltamethrin	0.16	1	8.00	A
Deltamethrin	48,361.90	N/A	N/A	N/A
Deltamethrin	0.04	1	13,600.00	S
Deltamethrin	171.29	N/A	35,521.00	T
Deltamethrin	7.68	N/A	68,932.02	U
Desmedipham	0.03	1	1.00	A
Dextrin	0.31	N/A	N/A	N/A
Dialkyl phthalate	19.32	19	516.50	A
Dialkyl* methyl benzyl ammonium chloride *(60% c14, 30% c16, 5% c18, 5% c12)	< 0.01	N/A	N/A	N/A
Diallyl disulfide	1.44	N/A	N/A	N/A
Diatomaceous earth	534,897.86	3,127	34,031.86	A
Diatomaceous earth	1,933.33	N/A	N/A	N/A
Diatomaceous earth	5.41	23	101,700.00	S
Diatomaceous earth, other related	9,263.39	75	3,905.90	A
Diazinon	39,527.17	661	15,454.99	A
Diazinon	405.02	N/A	N/A	N/A
Dicamba	91.13	130	3,766.43	A
Dicamba	< 0.01	N/A	1,000.00	C
Dicamba	821.07	N/A	N/A	N/A
Dicamba	2.04	15	2,583,250.00	S

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Dicamba	0.20	3	0.03	U
Dicamba, dimethylamine salt	3,765.43	317	18,473.35	A
Dicamba, dimethylamine salt	1,405.42	N/A	N/A	N/A
Dicamba, dimethylamine salt	2.09	33	546,600.00	S
Dicamba, dimethylamine salt	2.20	1	15.00	U
Dicamba, dimethylamine salt, other related	1.80	2	47.00	A
Dicamba, dimethylamine salt, other related	0.48	N/A	N/A	N/A
Dicamba, sodium salt	3,943.52	531	26,955.95	A
Dichlobenil	2.00	2	1.50	A
Dichlobenil	9,770.85	N/A	120,234.02	C
Dichlobenil	66,500.46	N/A	N/A	N/A
Dichlobenil	88.22	N/A	5,306.00	U
Dichlone	< 0.01	N/A	N/A	N/A
Dichlorprop butoxyethanol ester	0.99	1	8.00	A
Dicloran	9,798.10	796	7,917.84	A
Dicloran	16.50	50	2,240,885.00	S
Dicofol	0.26	1	0.50	A
Didecyl dimethyl ammonium chloride	143.05	203	648.74	A
Didecyl dimethyl ammonium chloride	147.78	N/A	N/A	N/A
Didecyl dimethyl ammonium chloride	45.12	101	2,747,106.00	S
Didecyl dimethyl ammonium chloride	147.69	21	50,389.04	U
Dienochlor	1.00	2	3.50	A
Diethylene glycol	218,737.97	24,376	1,459,808.65	A
Diethylene glycol	3,406.72	N/A	N/A	N/A
Diethylene glycol	74.06	144	2,871,742.50	S
Diethylene glycol	0.01	1	20.00	U
Difenoconazole	104,407.09	21,213	1,012,166.22	A
Difenoconazole	318.70	N/A	N/A	N/A
Difenoconazole	5.96	20	616,780.00	S
Difenoconazole	0.73	N/A	726.52	T
Difethialone	< 0.01	1	298.00	A
Difethialone	1.49	N/A	N/A	N/A
Difethialone	< 0.01	8	50,000.00	S
Difethialone	< 0.01	N/A	68.10	U
Diiflubenzuron	26,919.42	5,535	143,807.96	A
Diiflubenzuron	0.30	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Diflubenzuron	0.27	11	16,910.00	S
Diflufenzopyr, sodium salt	1,062.67	413	22,044.35	A
Diglycerides of fatty acids	53.08	14	217.00	A
Diglycerides of fatty acids	66.52	N/A	N/A	N/A
Diglycolamine salt of 3,6-dichloro-o-anisic acid	48,360.19	2,237	132,364.05	A
Diglycolamine salt of 3,6-dichloro-o-anisic acid	593.57	N/A	N/A	N/A
Diiodomethyl p-tolyl sulfone	409.28	N/A	6,742.85	K
Dikegulac sodium	17.02	48	422.04	A
Dikegulac sodium	3,509.24	N/A	N/A	N/A
Dimethenamid-p	11,033.08	911	16,567.81	A
Dimethenamid-p	478.73	N/A	N/A	N/A
Dimethenamid-p	8.74	39	538,174.00	S
Dimethenamid-p	2.67	8	13,059.04	U
Dimethoate	111,214.30	5,823	275,156.30	A
Dimethoate	0.32	N/A	N/A	N/A
Dimethoate	0.15	3	58,000.00	S
Dimethomorph	21,839.12	11,045	109,349.62	A
Dimethomorph	1.82	N/A	N/A	N/A
Dimethomorph	11.48	102	1,964,223.00	S
Dimethomorph	2.51	2	3,004.00	U
Dimethyl alkyl tertiary amines	4,398.81	19,831	544,803.21	A
Dimethyl alkyl tertiary amines	231.29	N/A	N/A	N/A
Dimethyl and methyl naphthalene sulfonic acid, sodium salt	2.67	1	20.00	A
Dimethyl phthalate	6.74	N/A	N/A	N/A
Dimethyl silicone fluid emulsion	891.23	15,682	173,667.90	A
Dimethyl silicone fluid emulsion	24.15	N/A	N/A	N/A
Dimethyl silicone fluid emulsion	< 0.01	1	1,000.00	S
Dimethylamine 2-(2,4-dichlorophenoxy)propionate	0.34	1	2.00	A
Dimethylpolysiloxane	194,575.84	131,832	5,175,704.52	A
Dimethylpolysiloxane	< 0.01	N/A	2,575.00	C
Dimethylpolysiloxane	< 0.01	1	8.00	K
Dimethylpolysiloxane	3,661.02	N/A	N/A	N/A
Dimethylpolysiloxane	35.21	503	5,710,976.17	S
Dimethylpolysiloxane	8.81	29	4,309,411.09	U
Dinocap	1.88	2	18.00	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Dinotefuran	11,159.76	4,406	66,862.17	A
Dinotefuran	0.40	2	8,176.00	C
Dinotefuran	81,436.59	N/A	N/A	N/A
Dinotefuran	1,626.69	1,102	48,780,129.10	S
Dinotefuran	82.13	141	1,221,096.00	U
Diocetyl dimethyl ammonium chloride	7.71	18	159.55	A
Diocetyl dimethyl ammonium chloride	84.45	N/A	N/A	N/A
Diocetyl dimethyl ammonium chloride	0.02	1	82,971.00	S
Diocetyl dimethyl ammonium chloride	6,271.81	N/A	44.00	U
Diphacinone	13.81	1,950	81,928.96	A
Diphacinone	< 0.01	N/A	2.00	C
Diphacinone	140.26	N/A	N/A	N/A
Diphacinone	< 0.01	1	35.00	P
Diphacinone	0.03	39	252,710.00	S
Diphacinone	0.07	40	478.02	U
Diphacinone, sodium salt	< 0.01	1	2.00	A
Diphacinone, sodium salt	0.02	N/A	318,049.00	C
Diphacinone, sodium salt	1.50	N/A	N/A	N/A
Diphacinone, sodium salt	0.04	N/A	1,746,456.00	S
Dipropyl isocinchomeronate	0.02	N/A	N/A	N/A
Dipropyl isocinchomeronate	< 0.01	1	11,000.00	S
Dipropylene glycol	0.03	N/A	N/A	N/A
Diquat dibromide	58,786.73	5,043	40,556.17	A
Diquat dibromide	6.99	3	51,966.00	C
Diquat dibromide	61,057.53	N/A	N/A	N/A
Diquat dibromide	389.97	409	11,741,049.50	S
Diquat dibromide	631.13	N/A	292.25	U
Disodium octaborate anhydrous	6,070.97	N/A	N/A	N/A
Disodium octaborate tetrahydrate	219.66	13	3,181.11	A
Disodium octaborate tetrahydrate	233,905.95	N/A	N/A	N/A
Disodium octaborate tetrahydrate	< 0.01	N/A	3.00	U
Disulfoton	0.90	N/A	N/A	N/A
Dithiopyr	2,799.32	1,009	4,807.34	A
Dithiopyr	78,069.58	N/A	N/A	N/A
Dithiopyr	32.07	178	4,035,039.19	S
Dithiopyr	3.81	3	98.00	U

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Diuron	27,568.35	2,474	141,054.03	A
Diuron	32,331.11	N/A	N/A	N/A
Diuron	68.20	18	788,967.00	S
Diuron	160.16	1	0.01	U
Dodecylbenzene sulfonic acid	477.50	1,575	18,722.04	A
Dodecylbenzene sulfonic acid	78.97	N/A	N/A	N/A
Dodecylbenzene sulfonic acid	98.99	440	73,201,600.60	S
Dodecylguanidine hydrochloride	13.47	N/A	41,725.00	P
Dodine	1,553.55	33	1,229.00	A
Dysphania ambrosioides	652.02	72	2,025.64	A
E-11-tetradecen-1-yl acetate	3.04	60	1,111.37	A
E-11-tetradecen-1-yl acetate	0.02	1	4,000.00	S
E-8-dodecenyl acetate	261.72	3,372	46,258.57	A
Edta, tetrasodium salt	34.05	1,612	18,868.18	A
Edta, tetrasodium salt	4.86	N/A	N/A	N/A
Edta, tetrasodium salt	6.10	441	73,211,600.60	S
Emamectin benzoate	2,378.46	10,581	173,127.73	A
Emamectin benzoate	317.07	N/A	N/A	N/A
Emamectin benzoate	0.02	2	16,000.00	S
Emamectin benzoate	0.54	N/A	61.00	U
Emulsifiable methylated vegetable oil	197,931.00	22,849	381,032.85	A
Emulsifiable methylated vegetable oil	305.07	N/A	N/A	N/A
Emulsifiable methylated vegetable oil	0.14	1	1,000.00	S
Endosulfan	0.78	N/A	N/A	N/A
Endothall, dipotassium salt	30,363.61	3	2,160.67	A
Endothall, dipotassium salt	6,649.26	N/A	530.00	C
Endothall, dipotassium salt	803.79	N/A	12,931.90	K
Endothall, dipotassium salt	40,694.82	N/A	N/A	N/A
Endothall, dipotassium salt	139.77	N/A	475,500.00	S
Endothall, dipotassium salt	4,797.36	N/A	475.00	U
Endothall, disodium salt	14,950.91	N/A	N/A	N/A
Endothall, mono(n,n-dimethylalkylamine) salt	4,738.26	2	754.80	A
Endothall, mono(n,n-dimethylalkylamine) salt	7,825.56	N/A	2,000.00	C
Endothall, mono(n,n-dimethylalkylamine) salt	1,873.23	N/A	13,409.54	K
Endothall, mono(n,n-dimethylalkylamine) salt	42,983.35	N/A	N/A	N/A
Endothall, mono(n,n-dimethylalkylamine) salt	7,211.42	N/A	3,722.01	U

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Epn	0.39	2	2.09	A
Eptc	139,644.63	781	48,720.42	A
Esbiothrin	< 0.01	N/A	N/A	N/A
Esfenvalerate	22,442.72	13,105	396,078.05	A
Esfenvalerate	0.85	N/A	966,400.00	C
Esfenvalerate	< 0.01	N/A	1,050.00	K
Esfenvalerate	37,333.71	N/A	N/A	N/A
Esfenvalerate	0.11	N/A	215,500.00	S
Esfenvalerate	8.07	N/A	3.03	U
Ethaboxam	0.34	N/A	N/A	N/A
Ethalfuralin	23,705.51	402	19,141.16	A
Ethalfuralin	267.22	N/A	N/A	N/A
Ethanolamine	3,356.42	4,478	76,089.04	A
Ethanolamine	20.13	N/A	N/A	N/A
Ethanolamine	0.58	118	833,893.20	S
Ethanolamine	0.02	4	934.00	U
Ethephon	325,681.99	8,539	394,647.29	A
Ethephon	18,557.72	N/A	N/A	N/A
Ethephon	423.14	320	8,557,035.85	S
Ethephon	1.16	21	117,829.00	U
Ethofumesate	8,160.11	257	13,351.44	A
Ethofumesate	3,677.42	N/A	N/A	N/A
Ethoprop	12,745.45	172	3,084.28	A
Ethoprop	260.25	N/A	N/A	N/A
Ethyl alcohol	256.59	N/A	N/A	N/A
Ethyl alcohol	30.28	N/A	52.00	U
Ethylene	387.91	208	1,228,479.00	S
Ethylene	8.47	4	21,750.00	U
Ethylene glycol	53,505.72	7,572	195,090.61	A
Ethylene glycol	67.33	N/A	N/A	N/A
Ethylene glycol monomethyl ether	330.77	367	2,327.42	A
Ethylene glycol monomethyl ether	0.11	N/A	N/A	N/A
Etofenprox	1,277.31	N/A	N/A	N/A
Etofenprox	0.07	N/A	N/A	U
Etoxazole	75,825.01	12,514	590,315.97	A
Etoxazole	0.73	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Etoxazole	5.67	98	2,336,894.00	S
Famoxadone	4,665.38	1,047	37,252.28	A
Famoxadone	0.24	N/A	N/A	N/A
Farnesol	8.63	68	1,418.62	A
Fatty acids, c16-18 and c18-unsaturated, branched and linear	579.75	1,365	47,059.98	A
Fatty acids, c16-18 and c18-unsaturated, branched and linear	2.79	N/A	N/A	N/A
Fatty acids, c16-18 and c18-unsaturated, branched and linear	< 0.01	N/A	8,900.00	S
Fatty acids, c16-c18 and c18-unsaturated, methyl esters	299,238.65	27,862	752,681.34	A
Fatty acids, c16-c18 and c18-unsaturated, methyl esters	266.76	N/A	N/A	N/A
Fatty acids, c16-c18 and c18-unsaturated, methyl esters	0.05	1	2,520.00	S
Fatty acids, c16-c18 and c18-unsaturated, methyl esters	0.27	N/A	2.00	U
Fatty acids, methyl esters	400,583.34	6,798	341,533.66	A
Fatty acids, methyl esters	816.93	N/A	N/A	N/A
Fatty acids, mixed	6,805.07	21,969	875,534.77	A
Fatty acids, mixed	627.26	N/A	N/A	N/A
Fatty acids, mixed	12.25	733	60,002,080.20	S
Fatty acids, mixed	2.74	24	375,497.54	U
Fatty acids, tallow	17,567.57	5,365	259,586.00	A
Fatty acids, tallow	205.50	N/A	N/A	N/A
Fatty acids, tallow	0.05	1	1,600.00	S
Fenamidone	17,614.19	5,794	73,528.54	A
Fenamidone	41.50	112	8,349,982.00	S
Fenamidone	1.03	1	1,100.00	U
Fenamiphos	0.18	N/A	N/A	N/A
Fenarimol	0.64	5	7.36	A
Fenazaquin	43,932.66	1,524	68,903.48	A
Fenazaquin	2.23	18	173,609.00	S
Fenbuconazole	4,352.30	1,308	53,038.57	A
Fenbuconazole	0.30	N/A	N/A	N/A
Fenbutatin-oxide	4,466.11	193	4,692.63	A
Fenhexamid	41,829.39	3,578	77,921.24	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Fenhexamid	0.20	N/A	N/A	N/A
Fenhexamid	73.07	252	4,655,070.60	S
Fenhexamid	47.12	7	4,649,437.00	U
Fenoxaprop-p-ethyl	16.46	4	204.00	A
Fenoxycarb	0.07	2	4.67	A
Fenoxycarb	0.23	N/A	N/A	N/A
Fenpropathrin	52,685.53	5,871	151,857.48	A
Fenpropathrin	34.82	N/A	N/A	N/A
Fenpropathrin	57.94	179	4,995,083.00	S
Fenpropathrin	10.06	83	1,270,720.00	U
Fenpyroximate	22,418.30	4,874	194,357.80	A
Fenpyroximate	1.68	N/A	N/A	N/A
Fenpyroximate	8.33	84	2,553,245.14	S
Fenpyroximate	0.14	5	15,000.00	U
Fenthion	0.14	N/A	N/A	N/A
Fentin hydroxide	0.06	N/A	N/A	N/A
Ferric sodium edta	5,522.68	548	8,813.96	A
Ferric sodium edta	752.09	N/A	N/A	N/A
Ferric sodium edta	1.50	21	107,686.00	S
Ferric sulfate (anhydrous)	3.66	N/A	N/A	N/A
Ferrous sulfate	12.61	10	103.08	A
Ferrous sulfate (monohydrate)	1.61	N/A	N/A	N/A
Fipronil	0.11	5	21.09	A
Fipronil	< 0.01	N/A	15,388.92	K
Fipronil	31,597.99	N/A	N/A	N/A
Fipronil	0.42	2	31,380.00	S
Flazasulfuron	1,340.18	2,376	39,179.32	A
Flazasulfuron	18.57	N/A	N/A	N/A
Flonicamid	40,160.16	16,517	433,100.93	A
Flonicamid	6.38	N/A	N/A	N/A
Flonicamid	11.59	130	2,406,878.00	S
Florasulam	3.60	1	267.70	A
Florasulam	72.10	N/A	N/A	N/A
Florasulam	0.07	1	242,666.00	S
Florpyrauxifen-benzyl	1,653.27	689	52,005.59	A
Fluazifop-butyl	9.23	4	49.00	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Fluazifop-butyl	45.15	N/A	N/A	N/A
Fluazifop-p-butyl	21,549.77	2,577	180,958.30	A
Fluazifop-p-butyl	3,996.15	N/A	N/A	N/A
Fluazifop-p-butyl	15.02	3	1,409,000.00	S
Fluazinam	3,720.14	247	3,750.01	A
Fluazinam	1,983.79	N/A	N/A	N/A
Fluazinam	39.59	N/A	2,465,000.00	S
Flubendiamide	15.56	10	245.00	A
Fludioxonil	56,779.62	12,456	300,033.81	A
Fludioxonil	1,295.97	N/A	N/A	N/A
Fludioxonil	23.99	N/A	833,881.33	P
Fludioxonil	198.15	825	30,974,930.14	S
Fludioxonil	9,735.75	N/A	4,579,071.28	T
Fludioxonil	85.83	25	201,173.00	U
Fluensulfone	1,587.85	17	868.40	A
Flumiclorac-pentyl	2.98	1	111.00	A
Flumioxazin	97,850.89	15,794	442,081.61	A
Flumioxazin	7,571.37	N/A	N/A	N/A
Flumioxazin	1.90	10	298,738.00	S
Flumioxazin	9.79	13	86.05	U
Fluopicolide	4,009.63	3,601	33,876.57	A
Fluopicolide	1.35	N/A	N/A	N/A
Fluopicolide	28.18	193	12,577,670.00	S
Fluopicolide	21.24	51	698,240.00	U
Fluopyram	73,742.03	22,581	764,958.12	A
Fluopyram	134.56	N/A	N/A	N/A
Fluopyram	27.63	133	10,551,458.00	S
Fluoxastrobin	9.20	18	60.93	A
Fluoxastrobin	2.78	N/A	N/A	N/A
Fluoxastrobin	4.36	10	360,450.00	S
Flupyradifurone	72,274.56	20,845	493,047.58	A
Flupyradifurone	70.61	N/A	N/A	N/A
Flupyradifurone	543.35	260	9,582,859.70	S
Flupyradifurone	13.25	32	354,481.00	U
Flurecol-methyl	15.39	N/A	N/A	N/A
Fluridone	3,793.68	6	6,434.15	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Fluridone	136.64	N/A	287,060.53	C
Fluridone	3.92	N/A	1,069.44	K
Fluridone	680.15	N/A	N/A	N/A
Fluridone	0.45	N/A	43,000.00	S
Fluridone	15.69	N/A	43,560.00	T
Fluridone	131.81	5	111.31	U
Fluroxypyr, 1-methylheptyl ester	426.07	52	2,262.05	A
Fluroxypyr, 1-methylheptyl ester	1,000.41	N/A	N/A	N/A
Flurprimidol	356.27	412	4,969.58	A
Flurprimidol	1,499.53	N/A	N/A	N/A
Flurprimidol	1.55	56	2,489,262.35	S
Flutianil	702.72	944	33,383.64	A
Flutolanil	806.51	6	190.25	A
Flutolanil	2,845.79	N/A	N/A	N/A
Flutolanil	30.57	1	252,545.00	S
Flutriafol	27,449.19	7,104	299,270.84	A
Flutriafol	2.99	N/A	N/A	N/A
Flutriafol	0.06	1	1,000.00	S
Fluxapyroxad	57,142.32	12,849	570,200.55	A
Fluxapyroxad	561.30	N/A	N/A	N/A
Fluxapyroxad	9.98	17	1,690,916.00	S
Fluxapyroxad	16.88	5	452,000.00	U
Folpet	< 0.01	N/A	N/A	N/A
Foramsulfuron	31.74	52	1,144.91	A
Foramsulfuron	152.62	N/A	N/A	N/A
Foramsulfuron	1.87	1	1,205,000.00	S
Forchlorfenuron	135.24	1,069	42,614.51	A
Formetanate hydrochloride	69,788.75	3,032	63,312.36	A
Formic acid	2.90	3	0.74	A
Formic acid	< 0.01	1	3.00	C
Formic acid	15.22	N/A	N/A	N/A
Formic acid	0.02	N/A	3.00	S
Formic acid	431.41	32	5,440.42	U
Fosetyl-al	100,828.66	5,442	34,470.95	A
Fosetyl-al	4,076.80	N/A	N/A	N/A
Fosetyl-al	43,866.56	389	23,555,018.00	S

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Fosetyl-al	4.25	3	34,898.00	U
Fox urine	0.13	N/A	N/A	N/A
Gamma-cyhalothrin	< 0.01	1	5.00	A
Gamma-cyhalothrin	1,044.84	N/A	N/A	N/A
Gamma-cyhalothrin	0.25	N/A	385,000.00	S
Gamma-cyhalothrin	5.77	N/A	23.00	U
Garlic	1,487.42	830	5,112.38	A
Garlic	1.48	N/A	N/A	N/A
Garlic	27.01	155	5,701,561.00	S
Geraniol	21.55	68	1,418.62	A
German cockroach pheromone	< 0.01	N/A	N/A	N/A
Gibberellins	15,537.85	15,417	425,515.34	A
Gibberellins	7.34	N/A	N/A	N/A
Gibberellins	2.98	223	2,058,780.00	S
Gibberellins	185.90	N/A	1,981,705.24	T
Gibberellins	0.10	1	7,530.00	U
Glocladium virens strain: g-41	11.02	767	2,860.90	A
Glocladium virens strain: g-41	0.49	38	2,511.00	C
Glocladium virens strain: g-41	0.71	N/A	N/A	N/A
Glocladium virens strain: g-41	5.82	532	5,787,489.00	S
Glocladium virens strain: g-41	0.07	8	68,162.00	U
Glufosinate-ammonium	1,899,759.53	72,591	2,069,492.17	A
Glufosinate-ammonium	110,815.21	N/A	N/A	N/A
Glufosinate-ammonium	67.42	74	1,142,547.20	S
Glufosinate-ammonium	104.65	10	10,048.08	U
Glutaraldehyde	138.08	3	37.00	A
Glutaraldehyde	34.34	N/A	N/A	N/A
Glutaraldehyde	17.46	N/A	41,725.00	P
Glutaraldehyde	2.08	N/A	357,864.00	S
Glutaraldehyde	94,399.42	21	53,861.04	U
Glutens, corn	50,011.67	1,562	48,708.16	A
Glycerol	104,231.18	15,940	534,832.03	A
Glycerol	2,168.90	N/A	N/A	N/A
Glycerol	91.93	24	1,901,450.00	S
Glycerol	22.79	1	0.01	U
Glycolic acid	0.31	N/A	2.00	U

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Glyphosate, diammonium salt	17,509.86	287	8,787.25	A
Glyphosate, diammonium salt	31.56	N/A	N/A	N/A
Glyphosate, dimethylamine salt	197,328.62	2,619	78,461.35	A
Glyphosate, dimethylamine salt	28,515.05	N/A	N/A	N/A
Glyphosate, isopropylamine salt	3,894,498.03	77,328	2,222,636.92	A
Glyphosate, isopropylamine salt	9.51	3	56,845.00	C
Glyphosate, isopropylamine salt	1.23	1	15,000.00	K
Glyphosate, isopropylamine salt	1,387,178.88	N/A	N/A	N/A
Glyphosate, isopropylamine salt	1,695.40	618	18,807,307.65	S
Glyphosate, isopropylamine salt	4,177.60	103	2,994,911.31	U
Glyphosate, monoammonium salt	86.70	28	190.44	A
Glyphosate, monoammonium salt	26,419.01	N/A	N/A	N/A
Glyphosate, monoammonium salt	28.98	11	285,000.00	S
Glyphosate, monoammonium salt	7.70	N/A	93.00	U
Glyphosate, potassium salt	4,802,862.22	71,228	2,529,747.73	A
Glyphosate, potassium salt	0.52	1	7,500.00	C
Glyphosate, potassium salt	286,015.47	N/A	N/A	N/A
Glyphosate, potassium salt	16,761.98	191	6,031,997.40	S
Glyphosate, potassium salt	2,126.22	15	15,468.09	U
Gs-omega/kappa-hctx-hv1a, versitude peptide	8,380.42	2,919	174,705.71	A
Gs-omega/kappa-hctx-hv1a, versitude peptide	6.28	51	175,100.00	S
Halosulfuron-methyl	13,368.66	4,113	273,198.00	A
Halosulfuron-methyl	370.35	N/A	N/A	N/A
Halosulfuron-methyl	0.17	20	113,534.00	S
Halosulfuron-methyl	0.38	2	0.02	U
Harpin protein	3.07	42	2,321.48	A
Heptamethyltrisiloxane ethoxylated	69,679.40	15,713	773,900.35	A
Heptamethyltrisiloxane ethoxylated	61.05	N/A	N/A	N/A
Heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	74,859.11	21,866	693,779.25	A
Heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	1,087.71	N/A	N/A	N/A
Heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	310.04	224	10,046,390.28	S
Heptyl butyrate	15.16	N/A	N/A	N/A
Hexaflumuron	1.52	N/A	N/A	N/A
Hexanoic acid	0.02	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Hexazinone	54,062.51	1,140	57,731.51	A
Hexazinone	416.39	N/A	N/A	N/A
Hexylene glycol	3,114.38	N/A	N/A	N/A
Hexythiazox	67,885.93	7,695	319,240.88	A
Hexythiazox	2.13	N/A	N/A	N/A
Hexythiazox	5.05	87	1,365,267.20	S
Hexythiazox	17.50	43	957,240.00	U
Hydramethylnon	39.70	263	1,614.40	A
Hydramethylnon	245.51	N/A	N/A	N/A
Hydramethylnon	< 0.01	1	32,100.00	S
Hydrogen chloride	277.40	N/A	N/A	N/A
Hydrogen cyanamide	388,268.08	999	27,229.63	A
Hydrogen peroxide	498,281.51	15,157	359,733.68	A
Hydrogen peroxide	1.59	2	5,000.00	C
Hydrogen peroxide	13,853.14	N/A	N/A	N/A
Hydrogen peroxide	6,532.70	3,926	43,274,813.13	S
Hydrogen peroxide	20,335.22	N/A	1,789,465.38	T
Hydrogen peroxide	120,083.03	21	1,346,322.29	U
Hydroprene	4,051.93	N/A	N/A	N/A
Hydroprene	< 0.01	1	300.00	S
Hypochlorous acid	0.03	N/A	N/A	N/A
Hypocrea (teleomorph)	162.14	594	11,651.00	A
Hypocrea (teleomorph)	1.48	N/A	N/A	N/A
Hypocrea (teleomorph)	0.02	1	1,800.00	S
Hypocrea atroviridis	162.14	594	11,651.00	A
Hypocrea atroviridis	1.48	N/A	N/A	N/A
Hypocrea atroviridis	0.02	1	1,800.00	S
Hypocrea atroviridis (telomorph)	3.60	5	24.00	A
Iba	8.49	219	1,674.00	A
Iba	< 0.01	N/A	N/A	N/A
Iba	50.34	588	5,053,492.82	S
Iba	0.84	377	587,974.00	U
Imazalil	1,086.38	N/A	N/A	N/A
Imazalil	19.68	N/A	2,140,448.00	P
Imazalil	29,741.58	N/A	4,455,662.01	T
Imazalil	131.19	N/A	0.01	U

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Imazalil sulfate	5,904.10	N/A	N/A	N/A
Imazalil sulfate	17,004.00	N/A	1,112,800.00	T
Imazamox, ammonium salt	7,375.83	1,726	98,459.22	A
Imazamox, ammonium salt	2,115.25	N/A	N/A	N/A
Imazamox, ammonium salt	0.73	N/A	85,000.00	S
Imazamox, ammonium salt	11.63	1	42.01	U
Imazapic, ammonium salt	1.74	N/A	N/A	N/A
Imazapyr	122.75	9	172.21	A
Imazapyr, isopropylamine salt	32,144.27	2,073	67,432.15	A
Imazapyr, isopropylamine salt	14,691.15	N/A	N/A	N/A
Imazapyr, isopropylamine salt	11.15	9	1,341,874.00	S
Imazapyr, isopropylamine salt	2.94	N/A	2.00	U
Imazethapyr	33.53	11	170.00	A
Imazethapyr, ammonium salt	6,462.49	1,256	80,736.26	A
Imazosulfuron	2,491.60	277	18,880.83	A
Imazosulfuron	224.29	N/A	N/A	N/A
Imazosulfuron	0.78	1	55,178.00	S
Imidacloprid	248,860.81	41,506	973,125.73	A
Imidacloprid	0.52	1	11,002.78	C
Imidacloprid	38,738.02	N/A	N/A	N/A
Imidacloprid	29.22	N/A	2,896.90	P
Imidacloprid	576.85	1,190	52,047,000.01	S
Imidacloprid	500.17	N/A	3,571.91	T
Imidacloprid	556.14	108	6,102,112.00	U
Imiprothrin	< 0.01	N/A	N/A	N/A
Indaziflam	29,324.82	23,742	607,475.20	A
Indaziflam	< 0.01	1	5,000.00	K
Indaziflam	10,663.46	N/A	N/A	N/A
Indaziflam	1.79	97	1,658,602.20	S
Indaziflam	1.36	19	125,649.72	U
Indole	0.02	N/A	N/A	N/A
Indole	0.08	N/A	143.00	U
Indoxacarb	31,773.65	11,098	347,253.38	A
Indoxacarb	1,354.70	N/A	N/A	N/A
Indoxacarb	1.27	5	986,832.00	S
Indoxacarb	< 0.01	N/A	N/A	U

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Iodine	0.80	N/A	N/A	N/A
Iodosulfuron-methyl-sodium	0.42	11	97.63	A
Iodosulfuron-methyl-sodium	0.73	N/A	N/A	N/A
Iprodione	26,766.22	3,790	50,089.44	A
Iprodione	7,652.12	N/A	N/A	N/A
Iprodione	267.15	N/A	78,736.95	P
Iprodione	671.50	889	36,194,934.00	S
Iprodione	6,821.37	38	9,291,961.00	U
Iron hedta	6,295.25	330	20,290.90	A
Iron hedta	102.79	N/A	N/A	N/A
Iron phosphate	2,532.18	1,112	11,441.27	A
Iron phosphate	0.02	1	1,600.00	C
Iron phosphate	474.94	N/A	N/A	N/A
Iron phosphate	10.92	135	1,152,093.42	S
Isaria fumosorosea apopka strain: 97	1,679.18	503	5,079.59	A
Isaria fumosorosea apopka strain: 97	0.30	N/A	N/A	N/A
Isaria fumosorosea apopka strain: 97	180.88	1,060	2,143,924.00	S
Isaria fumosorosea strain: fe 9901	422.29	237	938.21	A
Isaria fumosorosea strain: fe 9901	0.09	1	2,500.00	C
Isaria fumosorosea strain: fe 9901	3.04	N/A	N/A	N/A
Isaria fumosorosea strain: fe 9901	391.93	604	2,928,670.10	S
Isodecanol, ethoxylated, phosphate ester	32,815.26	2,332	95,703.59	A
Isodecanol, ethoxylated, phosphate ester	27.18	N/A	N/A	N/A
Isodecanol, ethoxylated, phosphate ester	5,248.78	N/A	506,899.29	T
Isodecyl alcohol	45.93	12	722.20	A
Isofetamid	15,241.83	1,614	58,024.27	A
Isofetamid	15.06	N/A	N/A	N/A
Isofetamid	26.06	191	5,658,137.01	S
Isooctyl phthalate	335.05	366	2,309.92	A
Isooctyl phthalate	0.11	N/A	N/A	N/A
Isopropyl alcohol	34,721.58	28,328	910,730.28	A
Isopropyl alcohol	5,095.73	N/A	N/A	N/A
Isopropyl alcohol	34.67	588	74,481,368.80	S
Isopropyl alcohol	0.03	4	934.00	U
Isopropylamine dodecylbenzene sulfonate	1,424.20	3,200	129,163.69	A
Isopropylamine dodecylbenzene sulfonate	156.30	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Isopropylamine dodecylbenzene sulfonate	0.56	2	0.02	U
Isoxaben	7,149.27	2,211	9,798.75	A
Isoxaben	18,031.31	N/A	N/A	N/A
Isoxaben	91.93	282	5,700,469.90	S
Isoxaben	4.85	26	4,516.26	U
Kaolin	3,289,963.20	3,479	91,481.84	A
Kaolin	438.66	N/A	N/A	N/A
Kaolin	465.98	18	1,840.00	U
Kasugamycin hydrochloride	2,291.95	735	23,517.80	A
Kerosene	71.36	N/A	N/A	N/A
Kresoxim-methyl	12,293.99	2,023	91,194.88	A
Kresoxim-methyl	8.97	N/A	N/A	N/A
Lactic acid	13.62	N/A	N/A	N/A
Lactose	8,140.01	3,691	76,823.97	A
Lactose	3.60	N/A	N/A	N/A
Lambda-cyhalothrin	99,587.67	76,066	2,846,422.49	A
Lambda-cyhalothrin	27,211.40	N/A	N/A	N/A
Lambda-cyhalothrin	2.49	62	1,727,164.90	S
Lambda-cyhalothrin	1.57	N/A	N/A	U
Laminarin	135.77	188	3,463.32	A
Laminarin	0.14	N/A	N/A	N/A
Lauric acid	4,138.66	2,206	96,828.54	A
Lauryl alcohol	224.30	207	4,102.09	A
Lauryl alcohol	< 0.01	3	9.00	U
Lavandulyl senecioate	76,266.69	6,273	208,363.63	A
Lecithin	738,095.54	85,096	3,096,901.78	A
Lecithin	42,312.92	N/A	N/A	N/A
Lecithin	291.21	821	64,320,326.20	S
Lecithin	57.54	26	451,196.58	U
Lignin sulfonic acid, magnesium salt	7.63	2	10.00	A
Lime-sulfur	1,167,265.47	3,102	108,844.92	A
Lime-sulfur	21.32	N/A	N/A	N/A
Lime-sulfur	9.33	13	12,868.00	S
Lime-sulfur	3.17	8	94.01	U
Limonene	14,475.93	1,105	32,468.49	A
Limonene	24,756.01	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Limonene	1.35	N/A	2.00	U
Linalool	0.09	N/A	N/A	N/A
Linuron	43,402.47	3,072	63,586.29	A
Low molecular weight paraffinic oil	20,181.71	6,808	214,207.25	A
Low molecular weight paraffinic oil	301.35	N/A	N/A	N/A
Magnesium chloride	6.14	N/A	N/A	N/A
Magnesium phosphide	64.74	N/A	3.00	A
Magnesium phosphide	2,788.71	4	18,123,557.00	C
Magnesium phosphide	7,653.39	N/A	1,111,673.96	K
Magnesium phosphide	5,871.70	N/A	N/A	N/A
Magnesium phosphide	20.37	N/A	4,868,327.00	P
Magnesium phosphide	2,121.94	N/A	110,548.00	T
Malathion	265,251.75	8,125	172,114.54	A
Malathion	1.02	1	8,000.00	C
Malathion	7,077.06	N/A	N/A	N/A
Malathion	192.11	62	2,284,747.00	S
Malathion	26.58	19	82,700.25	U
Maleic hydrazide, potassium salt	11,614.63	101	3,980.30	A
Mancozeb	757,656.56	25,001	436,369.33	A
Mancozeb	14,872.18	N/A	N/A	N/A
Mancozeb	800.92	57	2,415,717.60	S
Mancozeb	68.46	15	327,108.00	U
Mandestrobin	127.58	18	685.92	A
Mandipropamid	30,152.61	20,468	240,218.25	A
Mandipropamid	10.61	N/A	N/A	N/A
Mandipropamid	22.87	136	12,585,018.00	S
Mandipropamid	0.83	12	10,430.00	U
Maneb	84.01	34	69.50	A
Maneb	8.64	N/A	N/A	N/A
Maneb	1.87	3	96,314.00	S
Manganese sulfate	153.99	21	3,075.08	A
Margosa oil	64,576.70	3,153	45,224.01	A
Margosa oil	314.83	N/A	N/A	N/A
Margosa oil	359.12	321	1,674,144.02	S
Mcpa	0.60	N/A	N/A	N/A
Mcpa, 2-ethyl hexyl ester	833.23	27	1,718.00	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Mcpa, 2-ethyl hexyl ester	27.70	N/A	N/A	N/A
Mcpa, dimethylamine salt	78,077.53	2,387	135,486.32	A
Mcpa, dimethylamine salt	3,924.28	N/A	N/A	N/A
Mcpa, isooctyl ester	806.10	N/A	N/A	N/A
Mcpp potassium salt	0.59	4	3.25	A
Mcpp potassium salt	62.47	N/A	N/A	N/A
Mcpp potassium salt	10.34	16	133,200.00	S
Mcpp, dimethylamine salt	0.35	1	2.00	A
Mcpp, dimethylamine salt	0.14	N/A	N/A	N/A
Mcpp-p, dma salt	123.62	20	404.03	A
Mcpp-p, dma salt	838.62	N/A	N/A	N/A
Mcpp-p, dma salt	3.15	34	252,500.00	S
Mecoprop-p	108.88	59	1,470.15	A
Mecoprop-p	1,297.08	N/A	N/A	N/A
Mecoprop-p	0.69	4	248,250.00	S
Mecoprop-p	< 0.01	1	0.01	U
Mecoprop-p-potassium	10.40	N/A	11.67	A
Mecoprop-p-potassium	457.00	N/A	N/A	N/A
Mefenoxam	82,372.24	12,522	292,735.21	A
Mefenoxam	1,080.45	N/A	N/A	N/A
Mefenoxam	177.77	N/A	3,456,846.51	P
Mefenoxam	1,066.39	1,371	29,054,369.65	S
Mefenoxam	109.54	N/A	1,364.11	T
Mefenoxam	54.73	150	2,888,652.50	U
Mefenoxam, other related	0.89	10	52.00	A
Mefenoxam, other related	0.07	N/A	N/A	N/A
Mefenoxam, other related	0.01	13	27,900.00	S
Mefenoxam, other related	0.02	6	18,181.00	U
Mefentrifluconazole	47,406.09	7,164	382,498.97	A
Mefentrifluconazole	981.05	N/A	N/A	N/A
Mefentrifluconazole	37.32	14	2,171,198.00	S
Mefentrifluconazole	0.52	2	4.00	U
Mefluidide, diethanolamine salt	8.10	N/A	N/A	N/A
Mepiquat chloride	6,207.98	2,592	144,599.64	A
Mesosulfuron-methyl	203.88	210	15,682.42	A
Mesotrione	16,868.61	2,381	96,297.26	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Mesotrione	0.19	1	8.00	K
Mesotrione	3,484.72	N/A	N/A	N/A
Meta-cresol	0.02	1	1.00	A
Metaflumizone	320.08	4,770	292,574.00	A
Metaflumizone	1.83	N/A	N/A	N/A
Metalaxyl	4,185.46	92	4,122.76	A
Metalaxyl	36.39	N/A	N/A	N/A
Metalaxyl	171.78	N/A	5,001,071.40	P
Metalaxyl	3.87	16	728,066.00	S
Metalaxyl	969.97	N/A	3,705.92	T
Metalaxyl	0.47	3	11,500.00	U
Metaldehyde	41,048.45	3,922	80,221.58	A
Metaldehyde	706.62	N/A	N/A	N/A
Metaldehyde	503.99	858	16,926,978.87	S
Metaldehyde	9.16	3	272,000.00	U
Metallic silver	0.04	21	83.35	A
Metam-sodium	2,714,688.38	369	13,237.23	A
Metam-sodium	5,862.47	N/A	119,934.02	C
Metam-sodium	79,712.76	N/A	N/A	N/A
Metam-sodium	52.93	N/A	5,306.00	U
Metarhizium robertsii strain: f52	47.26	33	277.98	A
Metconazole	32,307.43	4,937	300,290.34	A
Metconazole	359.73	N/A	N/A	N/A
Methiocarb	297.13	143	213.48	A
Methiocarb	25.86	28	386,420.00	S
Methiozolin	19.43	N/A	21.20	A
Methiozolin	42.71	N/A	N/A	N/A
Methomyl	195,329.06	19,477	319,073.92	A
Methomyl	4.27	N/A	N/A	N/A
Methoprene	8.84	N/A	N/A	N/A
Methoprene	0.94	1	5,750.00	S
Methoxychlor	45.40	9	593.00	A
Methoxychlor, other related	6.19	8	592.00	A
Methoxyfenozide	594,680.52	36,433	1,972,661.72	A
Methoxyfenozide	1.84	N/A	N/A	N/A
Methoxyfenozide	23.30	52	10,480,225.00	S

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Methoxyfenozide	1.69	4	695,000.00	U
Methyl anthranilate	1,180.39	207	3,605.93	A
Methyl anthranilate	272.52	N/A	N/A	N/A
Methyl bromide	1,475,938.02	321	6,284.99	A
Methyl bromide	38,111.26	N/A	17,421,965.00	C
Methyl bromide	3,574.77	N/A	51,628.00	K
Methyl bromide	135,387.07	N/A	N/A	N/A
Methyl bromide	5,942.90	N/A	3,660,276.00	P
Methyl bromide	887.40	1	121,533.00	S
Methyl bromide	4,909.40	N/A	989,802.26	T
Methyl bromide	11,900.50	N/A	477,494.00	U
Methyl eugenol	1,965.83	N/A	N/A	N/A
Methyl eugenol	0.01	N/A	3.00	U
Methyl mercaptan	1.00	3	120.00	A
Methyl parathion	0.78	2	2.09	A
Methyl salicylate	44.52	2	35.70	A
Methyl silicone resins	127,490.35	20,496	635,734.60	A
Methyl silicone resins	77.61	N/A	N/A	N/A
Methyl silicone resins	< 0.01	20	183,000.00	S
Methyl-2,7-dichloro-9-hydroxyfluorene-9-carboxylate	11.72	N/A	N/A	N/A
Methylated fatty acids from canola oil	235,193.70	3,599	121,176.09	A
Methylated fatty acids from canola oil	2,098.51	N/A	N/A	N/A
Methylated silicones	93,970.04	33,883	771,989.26	A
Methylated silicones	0.16	2	66,000.00	C
Methylated silicones	156.82	N/A	N/A	N/A
Methylated silicones	44.49	520	3,207,715.00	S
Methylated soybean oil	2,417,277.97	130,147	4,802,425.80	A
Methylated soybean oil	68,226.05	N/A	N/A	N/A
Methylated soybean oil	20.76	38	3,126,838.00	S
Methylated soybean oil	33.94	4	75,701.05	U
Methylene bis(thiocyanate)	6.73	N/A	41,725.00	P
Metiram	4.72	N/A	N/A	N/A
Metofluthrin	13.62	N/A	N/A	N/A
Metolachlor	11,844.03	176	7,410.01	A
Metrafenone	48,979.64	5,122	176,133.85	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Metrafenone	0.89	N/A	N/A	N/A
Metribuzin	45,125.40	1,910	93,391.17	A
Metribuzin	4.18	N/A	N/A	N/A
Mevinphos	0.22	1	1.00	A
Mevinphos, other related	0.15	1	1.00	A
Milbemectin	0.02	2	5.00	A
Mineral oil	0.85	1	2,304.80	?
Mineral oil	27,471,165.37	135,988	4,668,335.73	A
Mineral oil	7.79	1	10.00	K
Mineral oil	556,208.19	N/A	N/A	N/A
Mineral oil	124,474.67	4,254	84,894,199.06	S
Mineral oil	1,427.88	89	2,247,023.06	U
Modified phthalic glycerol alkyd resin	96,719.31	15,134	470,894.45	A
Modified phthalic glycerol alkyd resin	17.51	N/A	N/A	N/A
Modified phthalic glycerol alkyd resin	0.26	N/A	6,069.00	U
Molasses	1,560.61	5	229.00	A
Morpholine	144.87	366	2,309.92	A
Morpholine	0.05	N/A	N/A	N/A
Msma	1,785.03	37	1,283.78	A
Msma	2,493.21	N/A	N/A	N/A
Msma	30.18	3	0.03	U
Muscalure	5.60	N/A	N/A	N/A
Muscalure	0.10	N/A	715,728.00	S
Muscalure	2.70	8	312.00	U
Myclobutanil	31,222.67	13,499	280,096.14	A
Myclobutanil	0.10	1	8,000.00	C
Myclobutanil	269.64	N/A	N/A	N/A
Myclobutanil	0.07	1	3.00	P
Myclobutanil	42.68	125	3,118,532.00	S
Myclobutanil	1,237.49	N/A	2,934.32	T
Myclobutanil	0.23	14	19,337.00	U
Myristyl alcohol	45.57	207	4,102.09	A
Myristyl alcohol	< 0.01	3	9.00	U
N,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	156,365.24	67,177	2,212,708.89	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
N,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	637.49	N/A	N/A	N/A
N,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	28.28	511	59,732,629.00	S
N,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	0.08	1	0.01	U
N-methyl-n-oleoyltaurine, sodium salt	32.17	16	325.00	A
N-octyl bicycloheptene dicarboximide	1.15	5	84.00	A
N-octyl bicycloheptene dicarboximide	14.01	N/A	7,992,000.00	C
N-octyl bicycloheptene dicarboximide	25,329.54	N/A	N/A	N/A
N-octyl bicycloheptene dicarboximide	0.01	1	13,000.00	S
N-octyl bicycloheptene dicarboximide	15.06	N/A	N/A	U
N6-benzyl adenine	161.01	1,492	5,478.00	A
N6-benzyl adenine	0.06	N/A	N/A	N/A
N6-benzyl adenine	44.44	544	6,820,235.00	S
N6-benzyl adenine	0.10	1	7,530.00	U
Naa	0.40	32	23.96	A
Naa	< 0.01	N/A	N/A	N/A
Naa	1.77	304	842,264.82	S
Naa	0.18	86	140,890.00	U
Naa, ethyl ester	5,620.24	30	4,685.54	A
Naa, ethyl ester	0.02	N/A	N/A	N/A
Nabam	0.03	N/A	N/A	N/A
Naled	126,242.17	2,365	114,308.56	A
Naled	106,646.36	N/A	N/A	N/A
Naphtha, heavy aromatic	74,308.86	3,340	155,726.70	A
Naphtha, heavy aromatic	134.55	N/A	N/A	N/A
Napropamide	16,283.92	918	14,747.82	A
Napropamide	4.40	N/A	N/A	N/A
Natamycin	12.71	9	88.86	A
Natamycin	0.97	66	930,744.00	S
Natamycin	609.36	N/A	271,690.00	T
Natamycin	107.74	N/A	0.01	U
Nerolidol	21.55	68	1,418.62	A
Nicarbazin	5.62	N/A	N/A	N/A
Nicosulfuron	545.63	461	23,178.73	A
Nicosulfuron	120.00	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Nithiazine	< 0.01	N/A	N/A	U
Nitrapyrin	12.63	1	28.00	A
Nitrogen, liquified	28.67	7	22.50	A
Nonanoic acid	1,245.83	165	984.12	A
Nonanoic acid	7,084.50	N/A	N/A	N/A
Nonanoic acid	48.45	26	1,872,431.00	S
Nonanoic acid, other related	61.77	112	146.37	A
Nonanoic acid, other related	371.97	N/A	N/A	N/A
Nonanoic acid, other related	2.55	26	1,872,431.00	S
Norflurazon	3,233.03	87	3,091.21	A
Novaluron	15,374.63	5,437	202,342.06	A
Novaluron	1,134.38	N/A	N/A	N/A
Novaluron	12.86	21	540,196.00	S
Novaluron	149.96	N/A	51.00	U
Noviflumuron	55.83	N/A	N/A	N/A
Octhilinone	125,542.55	N/A	8,571.40	K
Octyl decyl dimethyl ammonium chloride	18.98	18	159.55	A
Octyl decyl dimethyl ammonium chloride	167.05	N/A	N/A	N/A
Octyl decyl dimethyl ammonium chloride	0.03	1	82,971.00	S
Oil of black pepper	0.42	N/A	N/A	N/A
Oil of citronella	0.06	N/A	N/A	N/A
Oil of citronella	0.02	1	11,000.00	S
Oleic acid	58,758.61	18,274	570,795.46	A
Oleic acid	13.70	N/A	N/A	N/A
Oleic acid	0.02	1	2,520.00	S
Oleic acid, ethyl ester	209,576.78	26,720	504,113.79	A
Oleic acid, ethyl ester	9,805.92	N/A	N/A	N/A
Oleic acid, methyl ester	707,219.47	17,494	804,156.98	A
Oleic acid, methyl ester	23,717.48	N/A	N/A	N/A
Oleic acid, methyl ester	5.36	N/A	1,054,046.00	S
Oleic acid, methyl ester	3.16	N/A	0.01	U
Ortho-benzyl-para-chlorophenol	0.27	N/A	N/A	N/A
Ortho-phenylphenol	1.34	N/A	N/A	N/A
Ortho-phenylphenol	0.05	N/A	50.00	U
Ortho-phenylphenol, sodium salt	31.70	N/A	20,000.00	T
Orthosulfamuron	14,380.57	1,716	61,636.70	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Orthosulfamuron	0.47	N/A	N/A	N/A
Oryzalin	6,174.16	182	2,162.95	A
Oryzalin	1,709.69	N/A	N/A	N/A
Oryzalin	0.43	2	3,900.00	S
Oxadiazon	1,080.83	231	551.91	A
Oxadiazon	2,900.18	N/A	N/A	N/A
Oxadiazon	18.14	16	376,276.00	S
Oxamyl	87,941.73	1,621	92,334.99	A
Oxathiapiprolin	10,222.01	9,921	205,658.45	A
Oxathiapiprolin	2.97	N/A	N/A	N/A
Oxathiapiprolin	1.78	N/A	5,394.61	P
Oxathiapiprolin	6.92	182	12,638,300.50	S
Oxathiapiprolin	0.96	N/A	447,150.00	U
Oxyfluorfen	713,189.86	59,372	1,921,513.98	A
Oxyfluorfen	73,901.88	N/A	N/A	N/A
Oxyfluorfen	5.06	29	214,463.60	S
Oxyfluorfen	45.27	22	103,927.01	U
Oxytetracycline hydrochloride	3,310.77	547	18,439.30	A
Oxytetracycline hydrochloride	20.48	N/A	N/A	N/A
Oxytetracycline hydrochloride, other related	30.53	547	18,439.30	A
Oxytetracycline hydrochloride, other related	< 0.01	N/A	N/A	N/A
Oxythioquinox	0.36	N/A	5.00	A
P-menth-1-ene, dimer	1,884.46	545	7,213.63	A
P-menth-1-ene, dimer	117.49	N/A	N/A	N/A
Paclobutrazol	270.24	3,977	66,926.28	A
Paclobutrazol	4,896.83	N/A	N/A	N/A
Paclobutrazol	36.67	2,252	46,646,874.55	S
Paclobutrazol	0.07	5	25,000.00	U
Para-tert-amylphenol	0.39	N/A	N/A	N/A
Paraffinic hydrocarbons	175.60	6	292.50	A
Paraffinic hydrocarbons	3.97	N/A	N/A	N/A
Paraquat dichloride	369,807.93	4,903	338,974.69	A
Paraquat dichloride	127.76	N/A	N/A	N/A
Paraquat dichloride	0.69	4	2,000.00	S
Paraquat dichloride	41.52	1	0.01	U
Parathion	67.59	1	86.00	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Parathion, other related	2.13	1	86.00	A
Pcnb	4,943.11	34	288.29	A
Pcnb	3,560.01	N/A	N/A	N/A
Pcnb	176.80	10	599,200.00	S
Pcp, other related	< 0.01	N/A	N/A	N/A
Pendimethalin	2,232,001.35	28,699	1,110,684.77	A
Pendimethalin	34,322.16	N/A	N/A	N/A
Pendimethalin	19.69	68	623,613.60	S
Pendimethalin	136.88	35	101,119.87	U
Penflufen	15.19	7	479.70	A
Penflufen	16.39	N/A	10,729.63	P
Penoxsulam	4,513.07	3,143	152,831.70	A
Penoxsulam	1,614.15	N/A	N/A	N/A
Pentachlorophenol	0.04	N/A	N/A	N/A
Penthiopyrad	112,037.86	14,050	468,339.39	A
Penthiopyrad	1,516.21	N/A	N/A	N/A
Penthiopyrad	111.20	145	14,840,477.14	S
Permethrin	94,887.15	33,076	471,012.94	A
Permethrin	114,354.49	N/A	N/A	N/A
Permethrin	542.02	1,369	67,811,696.65	S
Permethrin	1,470.39	11	186,151.00	U
Permethrin, other related	< 0.01	N/A	N/A	N/A
Peroxyacetic acid	122,399.72	14,845	356,732.46	A
Peroxyacetic acid	0.07	1	2,500.00	C
Peroxyacetic acid	4,012.23	N/A	N/A	N/A
Peroxyacetic acid	324.09	3,141	18,448,019.93	S
Peroxyacetic acid	16,759.66	N/A	1,789,465.38	T
Peroxyacetic acid	76,349.67	21	883,234.29	U
Petroleum distillates	427.27	44	1,499.34	A
Petroleum distillates	456.92	N/A	N/A	N/A
Petroleum distillates	0.66	1	11,000.00	S
Petroleum distillates, aromatic	0.39	1	1.00	A
Petroleum distillates, aromatic	0.35	N/A	N/A	N/A
Petroleum oil, sulfurized	20,898.21	225	2,591.84	A
Petroleum oil, sulfurized	79.13	N/A	N/A	N/A
Petroleum oil, sulfurized	3.80	4	4,280.00	S

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Phenmedipham	181.09	41	389.00	A
Phenothrin	0.08	N/A	77.00	A
Phenothrin	1,016.97	N/A	N/A	N/A
Phenothrin, other related	< 0.01	N/A	77.00	A
Phenothrin, other related	< 0.01	N/A	N/A	N/A
Phenylethyl propionate	47.98	N/A	N/A	N/A
Phorate	3,451.58	96	2,901.79	A
Phosacetin	0.02	N/A	N/A	N/A
Phosmet	6,610.72	215	2,707.72	A
Phosmet	4.03	5	12,750.00	S
Phosmet	0.07	N/A	5.00	U
Phosphine	11.29	N/A	1.00	A
Phosphine	4,301.32	1	50,844,474.80	C
Phosphine	95.97	N/A	9,861.76	K
Phosphine	6,792.71	N/A	N/A	N/A
Phosphine	25.73	N/A	5,117,328.00	P
Phosphine	102.97	N/A	1,123,460.00	S
Phosphine	4,024.81	N/A	420,203.24	T
Phosphine	24.92	N/A	365,248.00	U
Phosphoric acid	105,258.89	56,912	1,670,161.86	A
Phosphoric acid	13,090.31	N/A	N/A	N/A
Phosphoric acid	21.17	585	74,223,493.80	S
Phosphoric acid	0.03	4	934.00	U
Phosphorus	0.26	N/A	N/A	N/A
Picloram	0.24	N/A	N/A	N/A
Picoxystrobin	205.70	17	1,235.30	A
Pindone	< 0.01	N/A	N/A	N/A
Pine oil	0.27	N/A	0.80	A
Pine oil	1,194.13	N/A	N/A	N/A
Pinoxaden	2,093.75	613	39,513.61	A
Piperalin	319.45	195	1,217.96	A
Piperalin	9.37	19	742,280.00	S
Piperine	0.16	N/A	N/A	N/A
Piperonyl butoxide	3,747.98	1,354	9,321.50	A
Piperonyl butoxide	9.82	N/A	8,062,875.00	C
Piperonyl butoxide	104,487.16	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Piperonyl butoxide	87.67	242	5,656,230.00	S
Piperonyl butoxide	502.32	10	136,449.03	U
Piperonyl butoxide, other related	2.26	33	110.00	A
Piperonyl butoxide, other related	4,528.26	N/A	N/A	N/A
Piperonyl butoxide, other related	5.36	80	4,435,000.00	S
Piperonyl butoxide, other related	3.18	10	77,574.00	U
Poe isoctadecanol	314.46	N/A	N/A	N/A
Poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	514.89	1,967	26,920.58	A
Poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	0.76	N/A	N/A	N/A
Poly(oxyethylene) (dimethylimino) ethylene (dimethylimino) ethylene dichloride	71.39	N/A	N/A	N/A
Poly(oxyethylene) (dimethylimino) ethylene (dimethylimino) ethylene dichloride	1,268.25	N/A	310.00	U
Poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	23,050.65	11,114	349,935.43	A
Poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	2.28	N/A	N/A	N/A
Poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	59.05	224	10,046,390.28	S
Polyacrylamide	9,332.41	24,832	1,256,566.23	A
Polyacrylamide	309.63	N/A	N/A	N/A
Polyacrylamide	< 0.01	2	0.02	U
Polyacrylamide, polyethylene glycol mixture	769.78	1,352	79,032.88	A
Polyacrylamide, polyethylene glycol mixture	149.42	N/A	N/A	N/A
Polyalkeneoxide modified heptamethyltrisiloxane	77,834.39	39,580	1,353,109.86	A
Polyalkeneoxide modified heptamethyltrisiloxane	980.11	N/A	N/A	N/A
Polyalkeneoxide modified heptamethyltrisiloxane	64.06	294	6,446,819.00	S
Polyalkeneoxide modified heptamethyltrisiloxane	1.19	N/A	132.00	U
Polybutene	65,573.83	28,760	788,829.63	A
Polybutene	124.56	N/A	N/A	N/A
Polybutene	0.01	1	2,520.00	S
Polyethylene glycol	131,176.74	20,346	863,059.03	A
Polyethylene glycol	3,227.16	N/A	N/A	N/A
Polyethylene glycol diacetate	61.21	420	16,358.76	A
Polyethylene glycol diacetate	9.93	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Polyethylene glycol ditallate	3.03	35	1,148.84	A
Polyethylene glycol ditallate	1.56	N/A	N/A	N/A
Polyethylene glycol mono-c10-16-alkyl ether sulfate sodium salt	20,795.69	7,279	360,910.95	A
Polyethylene glycol mono-c10-16-alkyl ether sulfate sodium salt	21.72	N/A	N/A	N/A
Polyethylene glycol mono-c10-16-alkyl ether sulfate sodium salt	< 0.01	1	53.50	S
Polyethylene glycol stearate	52,309.62	26,716	503,809.61	A
Polyethylene glycol stearate	1,731.11	N/A	N/A	N/A
Polyhedral occlusion bodies (obs') of helicoverpa zea (corn earworm) nucleopolyhedrovirus strain: aba-npv-u	44.75	420	12,307.85	A
Polymeric terpenes	27.24	7	46.35	A
Polymeric terpenes	0.36	N/A	N/A	N/A
Polymerized acrylic acid	4,461.70	10,635	363,998.90	A
Polymerized acrylic acid	1,142.32	N/A	N/A	N/A
Polymerized pinene	71,734.85	5,007	125,724.60	A
Polymerized pinene	7,876.91	N/A	N/A	N/A
Polyoxin d, zinc salt	13,160.40	9,179	334,420.98	A
Polyoxin d, zinc salt	189.14	N/A	N/A	N/A
Polyoxin d, zinc salt	8.38	99	1,571,673.00	S
Polyoxin d, zinc salt	0.11	1	2.00	U
Polyoxyethylene dioleate	84.64	196	10,449.81	A
Polyoxyethylene dioleate	504.67	N/A	N/A	N/A
Polyoxyethylene mixed fatty acid ester	5,251.62	417	19,384.65	A
Polyoxyethylene mixed fatty acid ester	5.95	N/A	N/A	N/A
Polyoxyethylene polyol fatty acid esters	8,305.06	1,943	57,741.33	A
Polyoxyethylene polyol fatty acid esters	3,078.33	N/A	N/A	N/A
Polyoxyethylene polyol fatty acid esters	126.06	492	21,925,518.00	S
Polyoxyethylene polyol fatty acid esters	12.35	15	338,588.00	U
Polyoxyethylene polyoxypropylene	119,044.04	22,714	684,150.84	A
Polyoxyethylene polyoxypropylene	44.04	N/A	N/A	N/A
Polyoxyethylene polyoxypropylene	9.50	149	609,247.00	S
Polyoxyethylene polyoxypropylene	34.10	20	4,309,391.00	U
Polyoxyethylene sorbitan mixed fatty acid esters	5,045.59	397	19,417.19	A
Polyoxyethylene sorbitan mixed fatty acid esters	6,066.15	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Polyoxyethylene sorbitan mixed fatty acid esters	0.02	N/A	1,740.00	S
Polyoxyethylene sorbitan monolaurate	17,802.71	1,661	70,937.54	A
Polyoxyethylene sorbitan monolaurate	2,341.95	N/A	N/A	N/A
Polyoxyethylene sorbitan monooleate	17,054.22	6,294	276,184.68	A
Polyoxyethylene sorbitan monooleate	760.19	N/A	N/A	N/A
Polyoxyethylene sorbitan monooleate	2.25	2	0.02	U
Polyoxyethylene sorbitan trioleate	18,833.61	3,662	124,304.58	A
Polyoxyethylene sorbitan trioleate	4,027.05	N/A	N/A	N/A
Polyoxyethylene sorbitan trioleate	14.77	2	0.02	U
Polyoxyethylene sorbitol, mixed ether ester	36,242.19	1,937	42,469.78	A
Polyoxyethylene sorbitol, mixed ether ester	479.33	N/A	N/A	N/A
Polyoxyethylene tall oil fatty acid ester	197.53	78	5,526.03	A
Polypropylene glycol	81.49	1,235	23,198.42	A
Polypropylene glycol	2.86	N/A	N/A	N/A
Polysaccharide polymer	12.22	269	28,134.14	A
Polysaccharide polymer	2.01	N/A	N/A	N/A
Polysiloxane	1,019.74	463	20,203.70	A
Polysiloxane	11.15	N/A	N/A	N/A
Potassium bicarbonate	427,969.15	7,230	181,374.27	A
Potassium bicarbonate	1.70	1	33,000.00	C
Potassium bicarbonate	141.22	N/A	N/A	N/A
Potassium bicarbonate	1,584.04	1,199	18,231,594.25	S
Potassium carbonate	2,390.29	1,203	41,237.87	A
Potassium carbonate	99.51	N/A	N/A	N/A
Potassium hydroxide	5,257.11	11,403	299,231.80	A
Potassium hydroxide	60.51	N/A	N/A	N/A
Potassium hydroxide	0.44	21	183,200.00	S
Potassium laurate	109,826.91	3,817	24,242.27	A
Potassium laurate	2,754.55	N/A	N/A	N/A
Potassium laurate	8,705.92	2,018	14,806,923.91	S
Potassium laurate	50.28	20	99,429.00	U
Potassium n-methyldithiocarbamate	8,633,738.68	1,144	44,045.43	A
Potassium nitrate	14,058.28	3,210	132,040.56	A
Potassium nitrate	36.74	N/A	N/A	N/A
Potassium nitrate	1.50	1	200.00	S
Potassium peroxymonosulfate	2.85	2	6.00	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Potassium peroxymonosulfate	2.13	N/A	N/A	N/A
Potassium peroxymonosulfate	0.17	1	1,680.00	S
Potassium peroxymonosulfate	1,053.89	41	2,906,010.00	U
Potassium phosphite	1,204,286.42	20,424	485,449.31	A
Potassium phosphite	1.17	1	2,500.00	C
Potassium phosphite	74,032.22	N/A	N/A	N/A
Potassium phosphite	1,387.51	731	5,658,487.20	S
Potassium phosphite	23,745.45	N/A	302,045.52	T
Potassium phosphite	2,030.10	27	2,630,830.00	U
Potassium salt of hop beta acids	1.26	9	56.00	U
Potassium silicate	18,362.03	718	11,967.90	A
Potassium silicate	25.54	86	262,674.00	S
Prallethrin	< 0.01	52	44.61	A
Prallethrin	9,285.44	N/A	N/A	N/A
Prallethrin	< 0.01	3	107,280.00	S
Prallethrin	1.38	N/A	17.01	U
Prodiamine	6,720.88	1,595	8,969.75	A
Prodiamine	50,117.91	N/A	N/A	N/A
Prodiamine	138.78	136	7,225,506.00	S
Prodiamine, other related	4.13	N/A	N/A	N/A
Prodiamine, other related	< 0.01	1	400.00	S
Prohexadione-calcium	1,070.10	182	4,660.23	A
Prohexadione-calcium	235.97	N/A	N/A	N/A
Prohydrojasmon	183.79	43	818.98	A
Prometryn	43,745.65	4,088	34,223.57	A
Propamocarb	39.54	N/A	7.50	A
Propamocarb	152.89	N/A	N/A	N/A
Propamocarb hydrochloride	62,585.25	6,149	65,106.04	A
Propamocarb hydrochloride	2.95	7	457.72	C
Propamocarb hydrochloride	2,058.04	N/A	N/A	N/A
Propamocarb hydrochloride	131.85	2	1,144,100.00	S
Propanil	2,489,556.07	7,124	547,178.27	A
Propanil	29.41	N/A	N/A	N/A
Propargite	140,411.41	1,219	63,752.14	A
Propetamphos	0.14	N/A	N/A	N/A
Propiconazole	92,752.66	17,934	645,403.12	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Propiconazole	7,343.78	N/A	15,314.25	K
Propiconazole	6,867.46	N/A	N/A	N/A
Propiconazole	218.59	161	20,673,485.25	S
Propiconazole	2,683.56	N/A	1,756,095.51	T
Propiconazole	1.01	8	39,030.00	U
Propionic acid	193,591.65	35,466	1,146,673.41	A
Propionic acid	1,191.84	N/A	N/A	N/A
Propionic acid	248.13	754	60,532,293.20	S
Propionic acid	51.73	24	375,495.54	U
Propoxur	0.22	1	9.00	A
Propoxur	1.78	N/A	N/A	N/A
Propylene glycol	82,470.77	38,829	996,532.77	A
Propylene glycol	0.10	N/A	2,575.00	C
Propylene glycol	4,402.68	N/A	N/A	N/A
Propylene glycol	43.24	490	16,517,368.20	S
Propylene glycol	1.39	7	1,125.01	U
Propylene glycol methyl ether	28.33	25	1,092.50	A
Propylene oxide	540.00	N/A	71,150.00	C
Propylene oxide	117,383.00	N/A	N/A	N/A
Propylene oxide	2,679.00	N/A	803,672.00	P
Propylene oxide	47,574.00	N/A	5,234.00	T
Propyzamide	116,660.68	11,627	117,830.07	A
Propyzamide	873.09	N/A	N/A	N/A
Propyzamide	23.00	N/A	100,000.00	S
Prothioconazole	2.99	8	487.70	A
Pseudomonas chlororaphis subsp. aurantiaca strain: afs009	40,184.10	1,091	21,504.84	A
Pseudomonas chlororaphis subsp. aurantiaca strain: afs009	0.08	N/A	N/A	N/A
Pseudomonas chlororaphis subsp. aurantiaca strain: afs009	73.30	57	519,440.00	S
Pseudomonas fluorescens, strain a506	148.37	30	687.21	A
Purpureocillium lilacinum strain 251	1,529.16	312	10,886.31	A
Purpureocillium lilacinum strain 251	0.07	N/A	N/A	N/A
Putrescent whole egg solids	3.19	N/A	N/A	N/A
Putrescent whole egg solids	8.00	N/A	143.00	U
Pydiflumetofen	28,619.54	6,934	331,928.97	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pydiflumetofen	38.54	N/A	N/A	N/A
Pymetrozine	2,376.59	3,282	25,359.62	A
Pymetrozine	1.72	N/A	N/A	N/A
Pymetrozine	51.08	262	15,530,028.89	S
Pymetrozine	4.22	7	1,280,044.00	U
Pyraclostrobin	128,229.53	33,163	1,009,642.47	A
Pyraclostrobin	0.10	2	41,000.00	C
Pyraclostrobin	1,427.29	N/A	N/A	N/A
Pyraclostrobin	153.27	509	12,405,787.75	S
Pyraclostrobin	32.38	85	1,707,341.00	U
Pyraflufen-ethyl	2,569.71	17,880	721,227.48	A
Pyraflufen-ethyl	17.89	N/A	N/A	N/A
Pyraflufen-ethyl	< 0.01	N/A	48,000.00	S
Pyraflufen-ethyl	0.22	1	0.01	U
Pyrethrins	6,048.99	14,414	155,975.93	A
Pyrethrins	5.48	N/A	8,857,887.00	C
Pyrethrins	14,386.08	N/A	N/A	N/A
Pyrethrins	98.59	2,710	37,003,489.44	S
Pyrethrins	6.28	22	77,948.00	U
Pyridaben	989.31	485	3,101.74	A
Pyridaben	1.96	N/A	N/A	N/A
Pyridaben	9.76	53	1,185,720.00	S
Pyridaben	10.98	7	91,734.50	U
Pyridalyl	378.03	848	3,052.94	A
Pyridalyl	0.74	N/A	N/A	N/A
Pyridalyl	9.43	78	1,350,431.00	S
Pyrifluquinazon	142.83	597	5,438.75	A
Pyrifluquinazon	0.05	N/A	N/A	N/A
Pyrifluquinazon	27.55	119	3,956,172.00	S
Pyrimethanil	64,979.50	5,275	240,191.82	A
Pyrimethanil	414.25	N/A	N/A	N/A
Pyrimethanil	0.04	32	4,006.00	S
Pyrimethanil	7,314.10	N/A	1,391,634.45	T
Pyrimethanil	201.35	N/A	0.01	U
Pyriofenone	7,355.65	3,011	78,209.61	A
Pyriofenone	0.09	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pyriofenone	1.74	23	418,722.40	S
Pyriproxyfen	13,495.94	9,323	348,321.90	A
Pyriproxyfen	10.67	N/A	8,991,000.00	C
Pyriproxyfen	42,426.55	N/A	N/A	N/A
Pyriproxyfen	6.99	87	3,937,822.70	S
Pyriproxyfen	6.47	3	55,082.00	U
Pyrithiobac-sodium	163.37	95	4,449.46	A
Pyroxsulam	2,088.55	2,704	161,340.75	A
Quillaja	492.23	212	2,221.91	A
Quinclorac	87.29	5	160.89	A
Quinclorac	257.08	N/A	N/A	N/A
Quinclorac	3.72	3	296,100.00	S
Quinclorac, dimethylamine salt	262.10	9	354.68	A
Quinclorac, dimethylamine salt	1,749.74	N/A	N/A	N/A
Quinclorac, dimethylamine salt	4.81	N/A	337,900.00	S
Quinoxifen	32,038.22	10,758	332,983.82	A
Quinoxifen	0.63	N/A	N/A	N/A
Quinoxifen	0.02	2	1,500.00	S
Resmethrin	1.31	N/A	N/A	N/A
Resmethrin, other related	0.04	N/A	N/A	N/A
Reynoutria sachalinensis (giant knotweed) plant extract	16,619.92	5,487	100,368.03	A
Reynoutria sachalinensis (giant knotweed) plant extract	0.06	1	3,800.00	C
Reynoutria sachalinensis (giant knotweed) plant extract	6.96	N/A	N/A	N/A
Reynoutria sachalinensis (giant knotweed) plant extract	342.12	2,521	32,823,463.11	S
Reynoutria sachalinensis (giant knotweed) plant extract	100.19	12	2,690,220.00	U
Rimsulfuron	40,590.24	29,585	877,054.39	A
Rimsulfuron	724.32	N/A	N/A	N/A
Rimsulfuron	< 0.01	N/A	6,877.00	S
Rimsulfuron	0.07	N/A	45,760.00	U
Ronnel	< 0.01	N/A	N/A	N/A
Rotenone	0.08	2	8.00	A
Rotenone	1.48	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rotenone	< 0.01	6	15,480.00	S
Rotenone, other related	0.08	2	8.00	A
Rotenone, other related	0.08	N/A	N/A	N/A
Rotenone, other related	< 0.01	6	15,480.00	S
Ryanodine	0.10	N/A	N/A	N/A
S,s,s-tributyl phosphotriothioate	3,504.13	57	2,776.17	A
S-abscisic acid	1,102.09	183	4,858.72	A
S-bioallethrin	0.02	N/A	N/A	N/A
S-methoprene	343.49	786	46,826.31	A
S-methoprene	0.99	N/A	4,536,293.00	C
S-methoprene	2.34	N/A	12,868.54	K
S-methoprene	5,457.00	N/A	N/A	N/A
S-methoprene	18.49	21	262,764.00	S
S-methoprene	151.27	N/A	32,253.00	T
S-methoprene	3.80	1	0.03	U
S-metolachlor	335,498.75	5,149	221,489.83	A
S-metolachlor	280.65	N/A	N/A	N/A
Sabadilla alkaloids	121.72	252	4,489.24	A
Saflufenacil	34,087.46	21,697	860,521.98	A
Saflufenacil	198.50	N/A	N/A	N/A
Sawdust	37.54	3	201.00	A
Sawdust	0.28	N/A	N/A	N/A
Sedaxane	0.29	1	6,500.00	S
Sedaxane	51.16	N/A	1,319.11	T
Sethoxydim	24,126.88	2,268	95,933.93	A
Sethoxydim	131.34	N/A	N/A	N/A
Siduron	56.00	1	11.50	A
Siduron	37.71	N/A	N/A	N/A
Silica filled polydimethylsiloxane	111.27	1,530	75,354.43	A
Silica filled polydimethylsiloxane	1.18	N/A	N/A	N/A
Silica gel	3,581.13	N/A	N/A	N/A
Silicone	1,091.84	406	8,896.02	A
Silicone	1.37	N/A	N/A	N/A
Silicone - glycol copolymer	3,705.20	355	13,536.48	A
Silicone - glycol copolymer	891.12	N/A	N/A	N/A
Silicone - glycol copolymer	0.71	N/A	55.00	U

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Silicone defoamer	57.62	2,493	45,914.86	A
Silicone defoamer	2.44	N/A	N/A	N/A
Silicone defoamer	2.59	440	73,201,600.60	S
Silver nitrate	1.91	50	68.45	A
Silver nitrate	< 0.01	4	18,186.50	S
Simazine	37,279.19	1,272	25,149.80	A
Simazine	2,582.23	N/A	N/A	N/A
Simazine	0.62	N/A	20,000.00	S
Sodium alpha-olefin (c14-c16) sulfonate	23,703.89	N/A	N/A	N/A
Sodium arsenate	< 0.01	N/A	N/A	N/A
Sodium bisulfate	33.03	14	140.70	A
Sodium bromide	10.40	N/A	31.00	A
Sodium bromide	50.04	N/A	353,069.14	P
Sodium bromide	171,962.54	N/A	39,999.00	U
Sodium bromosulfamate, sodium chlorosulfamate, potassium bromosulfamate, potassium chlorosulfamate	18,313.97	N/A	246.00	U
Sodium cacodylate	0.48	1	8.70	A
Sodium cacodylate	2.51	N/A	N/A	N/A
Sodium carbonate	50.12	N/A	N/A	N/A
Sodium chlorate	177,142.73	452	35,160.28	A
Sodium chlorate	90.01	N/A	N/A	N/A
Sodium chlorate	0.90	1	150.00	S
Sodium chlorate	209,542.41	N/A	20.00	U
Sodium chloride	0.15	N/A	N/A	N/A
Sodium chloride	0.01	1	1,680.00	S
Sodium chloride	73.84	41	2,906,010.00	U
Sodium chlorite	88,084.65	N/A	N/A	N/A
Sodium chlorite	3.85	22	76,728.30	S
Sodium chlorite	44,288.40	N/A	5,053.02	U
Sodium cyanide	1,727.33	N/A	N/A	N/A
Sodium dichloro-s-triazinetriene	39.63	N/A	N/A	N/A
Sodium dichloro-s-triazinetriene	71,785.27	N/A	3,446.00	U
Sodium dichloro-s-triazinetriene dihydrate	13,914.00	N/A	N/A	N/A
Sodium dichloro-s-triazinetriene dihydrate	0.14	1	5,000.00	S
Sodium dichloro-s-triazinetriene dihydrate	2,356.61	N/A	290.00	U

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Sodium diisooctylsulfosuccinate	561.75	2,396	92,065.34	A
Sodium diisooctylsulfosuccinate	10.56	N/A	N/A	N/A
Sodium diisooctylsulfosuccinate	< 0.01	N/A	8,900.00	S
Sodium diisooctylsulfosuccinate	0.34	1	0.01	U
Sodium dimethyl dithio carbamate	0.03	N/A	N/A	N/A
Sodium dioctyl sulfosuccinate	0.37	5	34.00	A
Sodium dioctyl sulfosuccinate	0.04	N/A	N/A	N/A
Sodium fluoride	0.34	N/A	N/A	N/A
Sodium hydroxide	18,700.46	8,504	298,371.19	A
Sodium hydroxide	223.23	N/A	N/A	N/A
Sodium hypochlorite	2,676.81	61	1,586.80	A
Sodium hypochlorite	19,608.97	N/A	N/A	N/A
Sodium hypochlorite	36.26	N/A	353,069.14	P
Sodium hypochlorite	141.85	9	124,600.00	S
Sodium hypochlorite	212,716.30	N/A	3,638,224.30	T
Sodium hypochlorite	561,138.05	N/A	324,741.00	U
Sodium lauryl sulfate	1,479.57	N/A	N/A	N/A
Sodium metabisulfite	3.06	1	1.00	A
Sodium metabisulfite	2,870.29	N/A	N/A	N/A
Sodium metabisulfite	2,726.65	N/A	2,007.00	T
Sodium metaborate	145.50	N/A	N/A	N/A
Sodium metaborate	1.46	1	150.00	S
Sodium metasilicate	19.24	18	146.14	A
Sodium metasilicate	0.02	N/A	N/A	N/A
Sodium monoalkyl and dialkyl (c6-c16) phenoxy benzenedisulfonates and related acids	2.40	1	20.00	A
Sodium nitrate	126.47	24	595.50	A
Sodium nitrate	6,337.22	N/A	N/A	N/A
Sodium percarbonate	282,604.62	279	15,799.03	A
Sodium percarbonate	7.65	N/A	0.50	C
Sodium percarbonate	786.25	3	3,644.12	K
Sodium percarbonate	75,467.25	N/A	N/A	N/A
Sodium percarbonate	1,132.55	13	116,410.00	S
Sodium percarbonate	7,208.00	N/A	403.00	U
Sodium polyacrylate	1,769.93	9,826	381,967.44	A
Sodium polyacrylate	84.96	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Sodium polyacrylate	< 0.01	1	0.01	U
Sodium tetraborate decahydrate	1,524.44	598	20,763.34	A
Sodium tetraborate decahydrate	115,146.68	N/A	N/A	N/A
Sodium tetraborate decahydrate	0.02	6	600.00	S
Sodium tetraborate pentahydrate	10.09	N/A	N/A	N/A
Sodium tripolyphosphate	3,575.24	3,514	139,086.55	A
Sodium tripolyphosphate	4.23	N/A	N/A	N/A
Sodium xylene sulfonate	8,296.48	7,129	181,862.90	A
Sodium xylene sulfonate	140.89	N/A	N/A	N/A
Sodium xylene sulfonate	30.62	558	74,044,393.80	S
Sodium xylene sulfonate	3.74	5	934.01	U
Sorbitan fatty acid esters	663.20	172	12,671.27	A
Sorbitan fatty acid esters	1,326.97	N/A	N/A	N/A
Sorbitan fatty acid esters	< 0.01	N/A	1,740.00	S
Sorbitan monooleate	1,060.47	515	17,157.17	A
Sorbitan monooleate	35.34	N/A	N/A	N/A
Sorbitol	9,100.01	3,940	171,534.25	A
Sorbitol	54.87	N/A	N/A	N/A
Soybean fatty acids, dimethylamine salt	2.07	N/A	N/A	N/A
Soybean oil	89,914.96	2,124	43,363.13	A
Soybean oil	157.98	N/A	N/A	N/A
Soybean oil	56.42	94	4,291,244.00	S
Soybean oil, ethoxylated	119,257.71	9,168	353,872.78	A
Soybean oil, ethoxylated	233.16	N/A	N/A	N/A
Spinetoram	62,306.56	51,623	951,478.83	A
Spinetoram	4.49	N/A	N/A	N/A
Spinetoram	16.87	65	12,542,695.00	S
Spinosad	22,157.13	23,920	251,852.98	A
Spinosad	3,427.49	N/A	N/A	N/A
Spinosad	563.70	N/A	16,087.60	P
Spinosad	100.72	1,004	48,588,905.95	S
Spinosad	13.04	176	48,482.00	U
Spirodiclofen	22,038.64	1,663	53,607.88	A
Spirodiclofen	0.36	N/A	N/A	N/A
Spirodiclofen	0.32	N/A	51,638.00	U
Spiromesifen	27,506.11	3,409	125,881.81	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Spiromesifen	2.10	N/A	N/A	N/A
Spiromesifen	9.36	70	807,300.00	S
Spiromesifen	4.58	7	158,199.00	U
Spirotetramat	98,022.01	51,550	913,165.71	A
Spirotetramat	< 0.01	1	2,800.00	C
Spirotetramat	5.10	N/A	N/A	N/A
Spirotetramat	46.33	271	14,260,571.05	S
Spirotetramat	27.48	74	859,218.00	U
Streptomyces lydicus strain: wyec 108	1.37	735	6,594.67	A
Streptomyces lydicus strain: wyec 108	0.03	212	2,232.88	C
Streptomyces lydicus strain: wyec 108	< 0.01	N/A	N/A	N/A
Streptomyces lydicus strain: wyec 108	0.02	379	1,285,873.86	S
Streptomyces lydicus strain: wyec 108	< 0.01	N/A	144,000.00	U
Streptomyces griseoviridis strain k61	0.73	1	2.10	A
Streptomyces griseoviridis strain k61	< 0.01	4	67.51	C
Streptomyces griseoviridis strain k61	3.78	52	236,032.00	S
Streptomycin	6.62	7	55.25	A
Streptomycin	0.73	N/A	N/A	N/A
Streptomycin sulfate	8,767.11	1,566	37,000.51	A
Streptomycin sulfate	24.65	N/A	N/A	N/A
Streptomycin sulfate	23.30	107	5,232,270.50	S
Streptomycin sulfate	4.48	4	94,055.00	U
Strychnine	245.79	1,279	62,272.55	A
Strychnine	327.98	N/A	N/A	N/A
Strychnine	2.70	4	80.03	U
Sugar	5.81	5	43.00	A
Sugar	0.01	N/A	N/A	N/A
Sulfaquinoxaline	< 0.01	7	7.00	A
Sulfaquinoxaline	0.07	N/A	N/A	N/A
Sulfentrazone	75.17	13	483.24	A
Sulfentrazone	2,879.68	N/A	N/A	N/A
Sulfentrazone	0.32	N/A	319,900.00	S
Sulfluramid	< 0.01	N/A	N/A	N/A
Sulfometuron-methyl	139.19	94	1,993.73	A
Sulfometuron-methyl	10,008.60	N/A	N/A	N/A
Sulfometuron-methyl	2.39	13	743,425.00	S

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Sulfometuron-methyl	3.66	13	69.00	U
Sulfosulfuron	0.94	N/A	16.00	A
Sulfosulfuron	12.68	N/A	N/A	N/A
Sulfoxaflor	4,322.18	8,768	94,860.12	A
Sulfoxaflor	0.02	N/A	N/A	N/A
Sulfoxide	< 0.01	N/A	N/A	N/A
Sulfoxide, other related	< 0.01	N/A	N/A	N/A
Sulfur	39,740,021.35	119,474	4,755,344.06	A
Sulfur	9,893.18	N/A	N/A	N/A
Sulfur	87.45	2	18.00	P
Sulfur	1,720.38	1,804	13,515,375.80	S
Sulfur	4.03	5	5,880.50	U
Sulfur dioxide	4,813.84	9	10,929.72	A
Sulfur dioxide	608.22	7	469,409.40	C
Sulfur dioxide	1,451.00	1	40,262.11	K
Sulfur dioxide	124,277.12	N/A	N/A	N/A
Sulfur dioxide	2,309.46	N/A	18,929,737.44	P
Sulfur dioxide	1,691.00	N/A	330,000.00	S
Sulfur dioxide	72,351.94	N/A	656,334.49	T
Sulfur dioxide	19,453.56	25	6,312,169.01	U
Sulfuric acid	7,521.08	4,918	185,836.22	A
Sulfuric acid	24.81	N/A	N/A	N/A
Sulfuric acid	0.05	1	0.01	U
Sulfuryl fluoride	109,339.97	2	2,324.40	A
Sulfuryl fluoride	152,185.09	8	68,125,320.57	C
Sulfuryl fluoride	45,303.21	N/A	1,982,748.70	K
Sulfuryl fluoride	2,719,053.55	N/A	N/A	N/A
Sulfuryl fluoride	420.16	N/A	918,196.00	P
Sulfuryl fluoride	216.37	2	91,066.00	S
Sulfuryl fluoride	36,018.66	N/A	188,252.28	T
Sulfuryl fluoride	8,685.59	N/A	242,740.20	U
Swinglea glutinosa extract	10,021.38	110	6,195.63	A
Swinglea glutinosa extract	233.03	69	626,636.00	S
Tall oil	36,253.47	11,368	452,436.08	A
Tall oil	152.34	N/A	N/A	N/A
Tall oil	0.11	1	70,000.00	S

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Tall oil	0.64	1	0.01	U
Tall oil fatty acids	356,980.70	60,289	2,795,230.30	A
Tall oil fatty acids	0.07	N/A	2,575.00	C
Tall oil fatty acids	8,340.29	N/A	N/A	N/A
Tall oil fatty acids	122.87	818	62,691,543.70	S
Tall oil fatty acids	6.77	7	954.02	U
Tartrazine	22.64	12	157.42	A
Tartrazine	48.76	N/A	N/A	N/A
Tau-fluvalinate	547.82	1,273	4,733.77	A
Tau-fluvalinate	17.51	N/A	N/A	N/A
Tau-fluvalinate	155.65	639	26,604,936.60	S
Tau-fluvalinate	23.18	37	594,397.00	U
Tea tree oil	4.75	2	29.78	A
Tea tree oil	0.72	33	80,900.00	S
Tebuconazole	92,417.30	15,802	636,198.71	A
Tebuconazole	5,843.09	N/A	8,571.40	K
Tebuconazole	19,373.69	N/A	N/A	N/A
Tebuconazole	93.60	32	3,751,786.00	S
Tebuconazole	219.15	N/A	12,175.00	T
Tebuconazole	86.41	3	977.00	U
Tebufenozide	9.36	24	54.50	A
Tebufenozide	22.08	N/A	N/A	N/A
Tebuthiuron	20.14	7	64.25	A
Tebuthiuron	6,433.38	N/A	N/A	N/A
Tebuthiuron	2.77	3	23,272.00	S
Tembotrione	9,675.98	2,420	119,237.92	A
Terrazole	101.54	80	121.88	A
Terrazole	0.13	N/A	N/A	N/A
Terrazole	3.06	12	26,273.00	S
Terrazole	0.28	1	6,058.00	U
Tetrachlorvinphos	0.26	N/A	N/A	N/A
Tetraconazole	6,808.32	4,668	169,051.99	A
Tetraconazole	6.53	1	160.00	C
Tetraconazole	0.11	N/A	N/A	N/A
Tetraconazole	0.13	4	176,850.00	S
Tetrakis (hydroxymethyl) phosphonium sulfate	1,479.75	N/A	3.00	U

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Tetramethrin	20.17	N/A	N/A	N/A
Tetraniliprole	2.03	N/A	17.30	A
Tetraniliprole	50.56	N/A	N/A	N/A
Tetraniliprole	0.05	N/A	22,000.00	S
Tetrapotassium pyrophosphate	73.06	1,574	18,702.04	A
Tetrapotassium pyrophosphate	12.15	N/A	N/A	N/A
Tetrapotassium pyrophosphate	15.23	440	73,201,600.60	S
Thiabendazole	0.45	4	5.00	A
Thiabendazole	3,495.13	N/A	N/A	N/A
Thiabendazole	108.54	N/A	254,468.55	P
Thiabendazole	449.47	417	2,575,401.00	S
Thiabendazole	24,116.71	N/A	3,984,176.02	T
Thiabendazole, hypophosphite salt	9.28	N/A	N/A	N/A
Thiamethoxam	51,232.26	22,290	462,756.40	A
Thiamethoxam	2,522.16	N/A	N/A	N/A
Thiamethoxam	4,043.50	N/A	401,334.49	P
Thiamethoxam	4.49	61	917,166.00	S
Thiamethoxam	22.32	17	949,115.00	U
Thidiazuron	7,444.85	1,967	131,597.69	A
Thiencarbazone-methyl	9.01	36	1,272.85	A
Thiencarbazone-methyl	26.15	N/A	N/A	N/A
Thiobencarb	465,502.93	1,715	139,075.02	A
Thiobencarb	21.91	N/A	N/A	N/A
Thiophanate	6.12	8	16.00	A
Thiophanate	12.01	N/A	N/A	N/A
Thiophanate	0.12	1	10,000.00	S
Thiophanate-methyl	178,343.47	8,352	191,334.81	A
Thiophanate-methyl	22,146.83	N/A	N/A	N/A
Thiophanate-methyl	1,555.64	1,048	23,105,355.00	S
Thiophanate-methyl	980.88	36	4,823,392.00	U
Thiram	157,947.69	1,846	71,175.95	A
Thiram	48.72	N/A	N/A	N/A
Thiram	4,606.08	1	3,088,714.21	P
Thiram	1.40	9	52,500.00	S
Thiram	3.41	N/A	1,150.00	U
Thyme oil	10.41	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Thymol	0.89	2	31.64	A
Thymol	0.31	1	100.00	C
Thymol	64.13	N/A	N/A	N/A
Thymol	0.04	N/A	1,096.50	S
Thymol	68.67	25	4,383.00	U
Tolfenpyrad	7,759.52	1,578	28,076.36	A
Tolfenpyrad	0.83	N/A	N/A	N/A
Tolfenpyrad	93.06	156	4,456,693.00	S
Tolfenpyrad	3.29	4	109,460.00	U
Topramezone	1.90	8	92.40	A
Topramezone	11.99	N/A	N/A	N/A
Topramezone	0.25	1	21,000.00	S
Toxaphene	8.37	N/A	N/A	N/A
Tralomethrin	0.39	N/A	N/A	N/A
Triadimefon	262.57	93	320.40	A
Triadimefon	1,056.05	N/A	N/A	N/A
Triadimefon	12.54	3	353,260.00	S
Triallate	870.83	20	581.55	A
Tribenuron-methyl	2,598.66	3,741	209,250.63	A
Tribenuron-methyl	8.69	N/A	N/A	N/A
Tributyl tetradecylphosphonium chloride	40.84	N/A	5.00	U
Tributyltin oxide	0.15	N/A	N/A	N/A
Trichlorfon	1.00	N/A	N/A	N/A
Trichloro-s-triazinetrione	8,678.50	N/A	N/A	N/A
Trichloro-s-triazinetrione	0.18	1	2,000.00	S
Trichloro-s-triazinetrione	9,019.00	N/A	42.00	U
Trichlorofluoromethane	24.09	N/A	N/A	N/A
Trichoderma harzianum rifai strain krl-ag2	130.61	1,070	4,813.39	A
Trichoderma harzianum rifai strain krl-ag2	9.07	43	20,314.80	C
Trichoderma harzianum rifai strain krl-ag2	2.54	N/A	N/A	N/A
Trichoderma harzianum rifai strain krl-ag2	14.71	806	8,351,483.00	S
Trichoderma harzianum rifai strain krl-ag2	0.12	8	68,162.00	U
Trichoderma harzianum strain t-78	0.02	3	100,160.00	S
Trichoderma virens strain: gl-21	216.37	48	277.79	A
Triclopyr choline	5,253.80	118	5,787.05	A
Triclopyr choline	35,995.67	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Triclopyr choline	24.68	24	676,236.00	S
Triclopyr, butoxyethyl ester	18,354.97	521	13,005.99	A
Triclopyr, butoxyethyl ester	11.85	1	8.00	K
Triclopyr, butoxyethyl ester	36,593.48	N/A	N/A	N/A
Triclopyr, butoxyethyl ester	25.21	25	726,613.00	S
Triclopyr, triethylamine salt	102,970.40	4,974	364,540.98	A
Triclopyr, triethylamine salt	56,899.00	N/A	N/A	N/A
Triclopyr, triethylamine salt	14.21	6	316,236.00	S
Triclopyr, triethylamine salt	62.59	N/A	8,470.00	U
Triethanolamine	14,548.70	5,611	227,802.12	A
Triethanolamine	131.45	N/A	N/A	N/A
Triethanolamine	38.83	440	73,201,600.60	S
Triethanolamine oleate	1,387.67	1,097	58,304.88	A
Triethylene glycol	0.15	N/A	N/A	N/A
Trifloxystrobin	57,344.04	17,844	545,855.73	A
Trifloxystrobin	276.66	N/A	N/A	N/A
Trifloxystrobin	26.00	98	10,437,610.00	S
Trifloxystrobin	0.33	9	17,300.00	U
Trifloxysulfuron-sodium	11.31	27	619.86	A
Trifloxysulfuron-sodium	72.77	N/A	N/A	N/A
Triflumizole	16,237.06	2,313	64,622.67	A
Triflumizole	1.07	N/A	N/A	N/A
Triflumizole	3.27	27	297,225.00	S
Trifluralin	282,446.58	5,934	254,252.03	A
Trifluralin	1,502.65	N/A	N/A	N/A
Trifluralin	48.07	98	1,111,018.90	S
Trifluralin	5.02	14	4,398.26	U
Triflusulfuron-methyl	60.07	35	2,102.10	A
Trimethylamine	0.07	N/A	N/A	N/A
Trimethylamine	0.23	N/A	143.00	U
Trinexapac-ethyl	1,463.28	134	18,327.20	A
Trinexapac-ethyl	7,033.23	N/A	N/A	N/A
Trinexapac-ethyl	14.80	6	12,334,823.00	S
Trinexapac-ethyl	< 0.01	1	0.01	U
Triochoderma asperellum strain: t-34	0.02	2	14,000.00	S
Triptolide	0.01	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Triticonazole	9.77	28	60.46	A
Triticonazole	102.24	N/A	N/A	N/A
Triticonazole	1.39	12	98,532.00	S
Ulocladium oudemansii (u3 strain)	368.65	61	305.40	A
Ulocladium oudemansii (u3 strain)	4.75	19	109,168.00	S
Uniconazole-p	1.46	713	10,372.65	A
Uniconazole-p	0.18	147	2,109,545.35	S
Urea	13,836.62	1,181	62,515.37	A
Urea	618.47	N/A	N/A	N/A
Urea dihydrogen sulfate	174,187.31	15,324	534,952.10	A
Urea dihydrogen sulfate	257.27	N/A	N/A	N/A
Vegetable oil	528,577.31	3,466	341,573.27	A
Vinclozolin	5.08	6	6.45	A
Vinyl polymer	2,682.51	9,589	274,959.32	A
Vinyl polymer	3.98	N/A	N/A	N/A
Warfarin	0.06	22	306.00	A
Warfarin	0.78	N/A	N/A	N/A
Warfarin, sodium salt	< 0.01	N/A	N/A	N/A
Xanthan gum	1,306.60	2,311	70,458.35	A
Xanthan gum	< 0.01	N/A	N/A	N/A
Xylene	46.72	4	155.09	A
Xylene	2.41	N/A	N/A	N/A
Xylene range aromatic solvent	0.29	1	5,750.00	S
Yeast	17.96	4	41.00	A
Yeast	< 0.01	N/A	N/A	N/A
Yeast extract hydrolysate from saccharomyces cerevisiae	0.07	1	44.92	A
Yucca, extract	2,814.51	185	6,696.66	A
Yucca, extract	32.66	N/A	N/A	N/A
Z,e-9,12-tetradecadien-1-yl acetate	56.09	N/A	N/A	N/A
Z-11-tetradecen-1-yl acetate	0.39	60	1,111.37	A
Z-8-dodecenol	43.27	3,372	46,258.57	A
Z-8-dodecenyl acetate	3,556.85	3,372	46,258.57	A
Zeta-cypermethrin	9,373.16	17,677	366,385.46	A
Zeta-cypermethrin	13.38	N/A	N/A	N/A
Zeta-cypermethrin	0.01	4	1,339.00	S

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Zinc 2-pyridinethiol-1-oxide	0.73	7	54.46	A
Zinc phosphide	3,291.89	475	40,290.04	A
Zinc phosphide	1,257.23	N/A	N/A	N/A
Zinc phosphide	15.61	34	121.00	U
Zinc sulfate	326.52	56	4,628.12	A
Zinc sulfate	0.76	N/A	N/A	N/A
Zineb	0.47	1	20,000.00	S
Ziram	432,283.60	4,423	82,864.37	A
Ziram	11.69	N/A	N/A	N/A
Zoxamide	514.01	55	3,079.30	A