2024 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	239.86	2,482	61,093.40	A
(3s,6s)-3-methyl-6-isopropenyl-9-decen-1-yl acetate	239.86	2,482	61,093.40	A
(e)-5-decen-1-ol	16.97	172	1,499.63	A
(e)-5-decenyl acetate	20.30	172	1,499.63	A
(e,e)-8,10-dodecadien-1-ol	1,047.51	467	13,542.48	A
(e,e)-8,10-dodecadien-1-ol	< 0.01	2	6.00	U
(e,e)-9, 11-tetradecadien-1-yl acetate	9.76	9	8.28	A
(s)-kinoprene	211.10	277	873.38	A
(s)-kinoprene	4.43	N/A	N/A	N/A
(s)-kinoprene	44.77	162	6,116,293.21	S
(s)-verbenone	38.82	35	175.00	A
(s)-verbenone	3.82	N/A	N/A	N/A
(z)-11-hexadecen-1-yl acetate	472.46	3,805	43,469.00	A
(z)-11-hexadecenal	472.42	3,803	43,436.51	A
(z,z)-11,13-hexadecadienal	3,915.13	3,758	338,503.62	A
1,3-dibromo-5,5-dimethylhydantoin	166.60	N/A	57.00	U
1,3-dichloro-5,5-dimethylhydantoin	22,558.82	N/A	19,337.00	U
1,3-dichloro-5-ethyl-5-methylhydantoin	12,410.54	N/A	19,337.00	U
1,3-dichloropropene	6,989,161.70	2,781	43,768.13	A
1,4-dimethylnaphthalene	2,077.15	N/A	N/A	N/A
1,4-dimethylnaphthalene	255.91	N/A	5,292.50	T
1,4-dimethylnaphthalene	23.64	N/A	47,000.00	U
1-aminocyclopropane-1-carboxylic acid	116.25	19	497.00	A
1-bromo-3-chloro-5,5-dimethyl hydantoin	987.08	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
1-bromo-3-chloro-5,5-dimethyl hydantoin	49.11	N/A	409,920.00	P
1-bromo-3-chloro-5,5-dimethyl hydantoin	57,907.86	N/A	19,417.00	U
1-methylcyclopropene	< 0.01	14	0.22	A
1-methylcyclopropene	< 0.01	12	10,115.37	C
1-methylcyclopropene	2.18	N/A	N/A	N/A
1-methylcyclopropene	< 0.01	10	86,343.29	S
1-naphthaleneacetamide	0.33	3	11.00	A
1-naphthaleneacetic acid, potassium salt	667.22	154	5,485.78	A
10,10'-oxybisphenoxyarsine	994.80	N/A	N/A	N/A
1080	0.03	N/A	N/A	N/A
2,2-dibromo-3-nitrilopropionamide	173.51	N/A	21.00	A
2,2-dibromo-3-nitrilopropionamide	5.88	N/A	137,610.00	P
2,2-dibromo-3-nitrilopropionamide	18,636.24	N/A	9,005,054.00	U
2,4-d	10,245.67	409	17,047.27	A
2,4-d	1,293.90	N/A	N/A	N/A
2,4-d	17.91	1	1.01	U
2,4-d, 2-ethylhexyl ester	3,709.43	171	5,622.14	A
2,4-d, 2-ethylhexyl ester	17,249.70	N/A	N/A	N/A
2,4-d, 2-ethylhexyl ester	43.02	5	1,632,468.00	S
2,4-d, 2-ethylhexyl ester	1.56	3	2,500.02	U
2,4-d, butoxyethanol ester	956.21	22	1,320.18	A
2,4-d, butoxyethanol ester	3,231.21	N/A	N/A	N/A
2,4-d, diethanolamine salt	985.37	87	3,134.39	A
2,4-d, diethanolamine salt	13.93	N/A	N/A	N/A
2,4-d, dimethylamine salt	235,244.64	5,797	223,629.61	A
2,4-d, dimethylamine salt	14,265.10	N/A	N/A	N/A
2,4-d, dimethylamine salt	5.62	49	321,039.00	S
2,4-d, isooctyl ester	96.15	N/A	60.95	A
2,4-d, isooctyl ester	391.04	N/A	N/A	N/A
2,4-d, isooctyl ester	2.59	N/A	53,620.00	S
2,4-d, isopropyl ester	12,839.58	7,537	165,430.78	A
2,4-d, isopropyl ester	2.44	N/A	N/A	N/A
2,4-d, isopropyl ester	822.02	N/A	1,345,299.72	T
2,4-d, triisopropanolamine salt	23.07	N/A	10.00	A
2,4-d, triisopropanolamine salt	5.11	N/A	N/A	N/A
2,4-db, dimethylamine salt	67,923.50	1,244	71,256.18	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
2,4-db, dimethylamine salt	10.44	N/A	N/A	N/A
2,4-decadienoic acid, ethyl ester, (2e,4z)-	3.83	38	517.19	A
2,4-dichlorophenoxyacetic acid, choline salt	22,383.52	849	41,150.66	A
2,4-dichlorophenoxyacetic acid, choline salt	952.12	N/A	N/A	N/A
2,4-dp-p, 2-ethylhexyl ester	348.43	70	2,414.92	A
2,4-dp-p, 2-ethylhexyl ester	2,740.22	N/A	N/A	N/A
2,4-dp-p, 2-ethylhexyl ester	3.33	4	444,000.00	S
2,4-dp-p, 2-ethylhexyl ester	0.90	2	2,500.01	U
2,4-dp-p, dma salt	0.03	2	2.02	A
2,4-dp-p, dma salt	26.98	N/A	N/A	N/A
2,4-xylenol	0.20	2	23.05	A
2-(2-(p-(diisobutyl) phenoxy) ethoxy) ethyl dimethylbenzyl ammonium chloride	< 0.01	N/A	N/A	N/A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	89,499.62	25,102	436,853.53	A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	343.22	N/A	N/A	N/A
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	4.49	24	2,513,000.00	S
2-butoxyethanol	1,795.10	1,635	57,397.91	A
2-butoxyethanol	2,200.28	N/A	N/A	N/A
2-heptadecyl-1-hydroxyethyl-imidazolinium hydrochloride	< 0.01	N/A	N/A	N/A
2-methyl-1-butanol	3.57	N/A	N/A	N/A
2-methyl-4-isothiazolin-3-one	122.35	N/A	821,682.00	C
2-methyl-4-isothiazolin-3-one	22,302.01	N/A	8,102.82	K
2-methyl-4-isothiazolin-3-one	4.29	N/A	832,831.05	P
2-methyl-4-isothiazolin-3-one	2,140.68	N/A	2,269,278.00	U
3,7-dimethyl-6-octen-1-ol	3.89	21	265.82	A
3-(trihydroxysilyl) propyl dimethyl octadecyl ammonium chloride	0.03	7	24.50	A
3-(trihydroxysilyl) propyl dimethyl octadecyl ammonium chloride	0.15	N/A	N/A	N/A
3-chloro-p-toluidine hydrochloride	< 0.01	2	230.00	A
3-chloro-p-toluidine hydrochloride	< 0.01	N/A	N/A	N/A
3-iodo-2-propynyl butylcarbamate	2.09	N/A	7,699.96	K
3-iodo-2-propynyl butylcarbamate	15.47	N/A	N/A	N/A
4-aminopyridine	601.06	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
4-nonylphenol, formaldehyde resin, propoxylated	94,058.69	30,667	938,907.47	A
4-nonylphenol, formaldehyde resin, propoxylated	40.42	N/A	N/A	N/A
4-vinylcyclohexenediepoxide	0.49	N/A	N/A	N/A
5-chloro-2-methyl-4-isothiazolin-3-one	341.86	N/A	821,682.00	C
5-chloro-2-methyl-4-isothiazolin-3-one	62,686.72	N/A	8,102.82	K
5-chloro-2-methyl-4-isothiazolin-3-one	12.20	N/A	832,831.05	P
5-chloro-2-methyl-4-isothiazolin-3-one	6,133.21	N/A	2,269,278.00	U
Abamectin	39,833.51	59,454	2,145,857.63	A
Abamectin	78.32	N/A	N/A	N/A
Abamectin	81.98	1,154	36,593,245.31	S
Abamectin	2.03	72	1,036,015.00	U
Abamectin, other related	0.05	N/A	N/A	N/A
Acephate	129,855.82	10,513	160,716.50	A
Acephate	1.94	1	5.00	C
Acephate	3,938.15	N/A	N/A	N/A
Acephate	664.29	380	14,195,642.30	S
Acephate	11,528.93	N/A	1,486.62	T
Acephate	136.92	64	767,499.00	U
Acequinocyl	12,676.25	1,801	33,236.46	A
Acequinocyl	0.73	N/A	N/A	N/A
Acequinocyl	11.60	165	3,608,808.21	S
Acequinocyl	1.79	6	54,078.00	U
Acetamiprid	75,291.75	21,627	640,778.19	A
Acetamiprid	447.61	N/A	N/A	N/A
Acetamiprid	63.19	457	24,019,390.00	S
Acetamiprid	5.02	19	743,955.00	U
Acetic acid	15.02	N/A	N/A	N/A
Acetic acid	61.63	10	68,128.00	S
Acibenzolar-s-methyl	1,625.81	6,120	61,617.61	A
Acibenzolar-s-methyl	88.95	N/A	N/A	N/A
Acibenzolar-s-methyl	9.11	81	14,684,487.00	S
Acid blue 9, diammonium salt	466.72	32	682.22	A
Acid blue 9, diammonium salt	677.42	N/A	N/A	N/A
Acrolein	5,141.42	2	1,600.00	A
Acrolein	348.54	1	209.00	K
Acrolein	32,897.69	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Acrolein	11,996.22	6	1,501.00	U
Acrylamide, polymer with sodium acrylate	1,760.14	2,281	138,098.18	A
Acrylic acid-butyl acrylate-styrene copolymer	100,778.30	13,486	387,169.17	A
Acrylic acid-butyl acrylate-styrene copolymer	1.40	N/A	N/A	N/A
Acrylic acid-butyl acrylate-styrene copolymer	14.64	66	79,712.00	S
Afidopyropen	44,694.53	15,667	458,617.20	A
Afidopyropen	< 0.01	1	5,000.00	K
Afidopyropen	0.04	N/A	N/A	N/A
Afidopyropen	10.90	118	2,421,464.75	S
Aggregated adjuvant data	225,942.44	44,775	1,245,731.45	A
Aggregated adjuvant data	9,510.35	N/A	N/A	N/A
Aggregated adjuvant data	0.64	1	6.00	P
Aggregated adjuvant data	1,401.16	447	7,019,418.73	S
Aggregated adjuvant data	11.23	N/A	115,132.75	T
Aggregated adjuvant data	24,490.53	1	816.00	U
Agrobacterium radiobacter strain: k84	29.92	12	187.50	A
Agrobacterium radiobacter strain: k84	146.38	20	9,781.00	S
Albifimbia verrucariasolids and solubles strain: aarc-0255	1,392.42	37	171.60	A
Alcohols, c12-14-secondary, ethoxylated	161,208.28	38,606	1,703,036.60	A
Alcohols, c12-14-secondary, ethoxylated	69.68	N/A	N/A	N/A
Alcohols, c12-14-secondary, ethoxylated	2.42	27	1,634,993.00	S
Alcohols, c12-c14, aliphatic	855.39	N/A	N/A	N/A
Alkyl (50%c12, 30%c14, 17%c16, 3%c18) dimethylethylbenzyl ammonium chloride	< 0.01	N/A	N/A	N/A
Alkyl (68%c12, 32%c14) dimethylethylbenzyl ammonium chloride	110.36	59	95.92	A
Alkyl (68%c12, 32%c14) dimethylethylbenzyl ammonium chloride	18.46	N/A	N/A	N/A
Alkyl (68%c12, 32%c14) dimethylethylbenzyl ammonium chloride	3.45	26	407,706.00	S
Alkyl (68%c12, 32%c14) dimethylethylbenzyl ammonium chloride	4,756.43	32	292,348.00	U
Alkyl (c10-16) dimethyl amine oxide	11,538.54	1,354	42,340.50	A
Alkyl (c10-16) dimethyl amine oxide	1,013.59	N/A	N/A	N/A
Alkyl (c8,c10) polyglucoside	72,034.15	21,123	558,445.68	A
Alkyl (c8,c10) polyglucoside	38,722.04	N/A	N/A	N/A
Alkyl (c8,c10) polyglucoside	5.28	48	472,899.00	S

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Alkyl (c8,c10) polyglucoside	4.57	4	0.04	U
Alkyl dimethyl ethylbenzyl ammonium cyclohexyl sulfamate	4.46	N/A	N/A	N/A
Alkyl(42%c12, 26%c18, 15%c14, 8%c16, 5%c10, 4%c8)1,3-propylenediamine	2,092.47	N/A	2.00	A
Alkyl(42%c12, 26%c18, 15%c14, 8%c16, 5%c10, 4%c8)1,3-propylenediamine	86,170.78	N/A	44.00	U
Alkyl* dimethyl benzyl ammonium chloride *(50%c14, 40%c12, 10%c16)	1,248.36	22	207.85	A
Alkyl* dimethyl benzyl ammonium chloride *(50%c14, 40%c12, 10%c16)	107.92	N/A	N/A	N/A
Alkyl* dimethyl benzyl ammonium chloride *(50%c14, 40%c12, 10%c16)	13.99	N/A	596,440.00	S
Alkyl* dimethyl benzyl ammonium chloride *(50%c14, 40%c12, 10%c16)	< 0.01	N/A	30.00	T
Alkyl* dimethyl benzyl ammonium chloride *(50%c14, 40%c12, 10%c16)	41,328.21	20	655.02	U
Alkyl* dimethyl benzyl ammonium chloride *(60%c14, 25%c12, 15%c16)	21.78	N/A	N/A	N/A
Alkyl* dimethyl benzyl ammonium chloride *(60%c14, 30%c16, 5%c18, 5%c12)	110.79	105	145.95	A
Alkyl* dimethyl benzyl ammonium chloride *(60%c14, 30%c16, 5%c18, 5%c12)	18.72	N/A	N/A	N/A
Alkyl* dimethyl benzyl ammonium chloride *(60%c14, 30%c16, 5%c18, 5%c12)	3.46	27	417,706.00	S
Alkyl* dimethyl benzyl ammonium chloride *(60%c14, 30%c16, 5%c18, 5%c12)	4,756.43	32	292,348.00	U
Alkyl* dimethyl benzyl ammonium chloride *(67%c12, 25%c14, 7%c16, 1%c18)	3.45	N/A	N/A	N/A
Alkyl* dimethyl benzyl ammonium chloride *(67%c12, 25%c14, 7%c16, 1%c18)	234.02	N/A	251.00	U
Allethrin	0.03	2	7.26	A
Allethrin	0.30	N/A	N/A	N/A
Allethrin, other related	< 0.01	N/A	N/A	N/A
Allyl polyoxyethylene acetate	465.34	397	14,407.36	A
Allyl polyoxyethylene acetate	0.57	N/A	N/A	N/A
Alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	7,653.37	16,750	409,860.99	A
Alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	505.94	N/A	N/A	N/A
Alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	0.05	4	65,250.00	S

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Alpha-(para-nonylphenyl)-omega-hydroxypoly (oxyethylene) sulfate, ammonium salt	54.45	91	7,884.20	A
Alpha-(para-nonylphenyl)-omega-hydroxypoly (oxyethylene) sulfate, ammonium salt	51.00	N/A	N/A	N/A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxy ethylene)	1,713,050.52	190,953	8,757,718.92	A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxy ethylene)	72,855.39	N/A	N/A	N/A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxy ethylene)	86.94	569	34,785,806.50	S
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxy ethylene)	51.81	34	698,703.03	U
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxy ethylene), branched	100,265.92	12,383	510,078.68	A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxy ethylene), branched	2,911.13	N/A	N/A	N/A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxy ethylene), branched	2.78	3	0.03	U
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxy ethylene), phosphate ester	144,582.20	30,888	1,238,148.09	A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxy ethylene), phosphate ester	5,172.36	N/A	N/A	N/A
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxy ethylene), phosphate ester	2.28	15	123,202.73	S
Alpha-(para-nonylphenyl)-omega-hydroxypoly(oxy ethylene), phosphate ester	0.16	9	14.07	U
Alpha-(para-tert-butylphenyl)-omega-hydroxypoly (oxyethylene) phosphate	22,075.00	5,054	189,625.31	A
Alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxyp oly(oxyethylene)	67,121.85	14,341	420,398.74	A
Alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxyp oly(oxyethylene)	390.20	N/A	N/A	N/A
Alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxyp oly(oxyethylene)	2.79	39	552,610.00	S
Alpha-alkyl (c10-c14)-omega-hydroxypoly(oxyethylene)	4.15	4	189.66	A
Alpha-alkyl (c10-c14)-omega-hydroxypoly(oxyethylene)	9.88	N/A	N/A	N/A
Alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	40,083.09	5,046	195,313.98	A
Alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	151.86	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	0.66	3	5.20	S
Alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	35,386.95	5,575	268,211.53	A
Alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	515.94	N/A	N/A	N/A
Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	237,356.02	60,239	1,874,354.52	A
Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	1,595.35	N/A	N/A	N/A
Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	0.01	2	2,550.00	S
Alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	0.24	2	461.00	U
Alpha-alkyl(c9-c16)-omega-hydroxypoly(oxyethylene)	116,187.51	14,099	634,674.87	A
Alpha-alkyl(c9-c16)-omega-hydroxypoly(oxyethylene)	5,551.37	N/A	N/A	N/A
Alpha-alkyl(c9-c16)-omega-hydroxypoly(oxyethylene)	0.18	N/A	94,280.00	S
Alpha-alkyl(c9-c16)-omega-hydroxypoly(oxyethylene)	8.93	1	0.03	U
Alpha-alkylaryl-omega-hydroxypoly(oxyethylene)	204.88	75	1,476.42	A
Alpha-alkylaryl-omega-hydroxypoly(oxyethylene)	4,711.67	N/A	N/A	N/A
Alpha-alkylaryl-omega-hydroxypoly(oxyethylene)	5.41	5	9,933.00	S
Alpha-c11-15-sec-alkyl-omega-hydroxypoly(oxy-1,2-ethanediyl)	3,436.20	176	8,524.40	A
Alpha-cypermethrin	23.76	32	981.02	A
Alpha-cypermethrin	4,364.14	N/A	N/A	N/A
Alpha-dodecyl-omega-hydroxypoly(oxyethylene)	1,120.29	485	31,033.06	A
Alpha-isodecyl-omega-hydroxypoly(oxyethylene)	2,243.29	1,220	31,299.54	A
Alpha-isodecyl-omega-hydroxypoly(oxyethylene)	2.40	N/A	N/A	N/A
Alpha-octylphenyl-omega-hydroxypoly(oxyethylene)	6,823.76	1,583	56,447.83	A
Alpha-octylphenyl-omega-hydroxypoly(oxyethylene)	0.14	N/A	N/A	N/A
Alpha-pinene-beta-pinene copolymer	190,251.26	26,238	706,348.42	A
Alpha-pinene-beta-pinene copolymer	164.29	N/A	N/A	N/A
Alpha-pinene-beta-pinene copolymer	475.88	351	41,002,103.00	S
Alpha-tridecyl-omega-hydroxypoly(oxyethanol) phosphate	65,458.06	19,089	791,193.45	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Alpha-tridecyl-omega-hydroxypoly(oxyethanol) phosphate	725.68	N/A	N/A	N/A
Alpha-tridecyl-omega-hydroxypoly(oxyethanol) phosphate	3.64	3	0.03	U
Alpha-undecyl-omega-hydroxypoly(oxyethylene)	527,116.72	88,997	2,737,574.58	A
Alpha-undecyl-omega-hydroxypoly(oxyethylene)	26,043.04	N/A	N/A	N/A
Alpha-undecyl-omega-hydroxypoly(oxyethylene)	62.43	523	14,948,638.60	S
Alpha-undecyl-omega-hydroxypoly(oxyethylene)	26.94	3	605.03	U
Alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	566.08	1,540	30,741.69	A
Alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	124.64	N/A	N/A	N/A
Alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	51.00	254	42,186,630.00	S
Alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	0.02	1	292.00	U
Aluminum phosphide	5,392.02	578	30,408.28	A
Aluminum phosphide	16,805.61	75	64,777,766.37	C
Aluminum phosphide	30,390.41	1	2,221,989.66	K
Aluminum phosphide	46,322.01	N/A	N/A	N/A
Aluminum phosphide	9.29	N/A	2,006,066.00	P
Aluminum phosphide	4.08	5	63,777.81	S
Aluminum phosphide	10,072.87	N/A	991,720.03	T
Aluminum phosphide	4,906.72	45	2,099,494.11	U
Ametoctradin	17,681.60	5,951	66,410.10	A
Ametoctradin	0.70	N/A	N/A	N/A
Ametoctradin	0.06	3	1,500.00	S
Amines, tallow alkyl, ethoxylated propoxylated	1,498.60	22	1,307.83	A
Amines, tallow alkyl, ethoxylated propoxylated	54.46	N/A	N/A	N/A
Aminocyclopyrachlor	27.26	N/A	N/A	N/A
Aminocyclopyrachlor, potassium salt	454.59	N/A	3,069.67	A
Aminocyclopyrachlor, potassium salt	5,310.83	N/A	N/A	N/A
Aminocyclopyrachlor, potassium salt	0.68	N/A	160,901.00	S
Aminoethoxyvinylglycine hydrochloride	1,049.20	453	14,153.40	A
Aminoethoxyvinylglycine hydrochloride	0.21	29	283,288.00	S
Aminopyralid, triisopropanolamine salt	5,369.60	797	39,350.07	A
Aminopyralid, triisopropanolamine salt	1.05	N/A	5.00	C
Aminopyralid, triisopropanolamine salt	30,383.42	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Aminopyralid, triisopropanolamine salt	0.57	4	343,254.00	S
Aminopyralid, triisopropanolamine salt	2.94	5	187.00	U
Amitraz	0.33	3	11.35	A
Amitraz	0.02	N/A	8,000.00	C
Amitraz	0.02	N/A	N/A	N/A
Amitraz	5.31	19	6,003.01	U
Amitrole	0.37	2	0.20	A
Ammonium 1-naphthaleneacetate	44.55	34	619.50	A
Ammonium 1-naphthaleneacetate	62.31	N/A	N/A	N/A
Ammonium bicarbonate	0.12	N/A	N/A	N/A
Ammonium nitrate	57,919.47	17,834	506,888.42	A
Ammonium nitrate	7,868.90	N/A	N/A	N/A
Ammonium nitrate	2.06	3	461.01	U
Ammonium nonanoate	927.36	49	164.65	A
Ammonium nonanoate	2,297.23	N/A	N/A	N/A
Ammonium nonanoate	7.10	3	6,800.00	S
Ammonium propionate	81,971.64	16,703	573,415.52	A
Ammonium propionate	3,714.80	N/A	N/A	N/A
Ammonium propionate	3.06	3	48,002.73	S
Ammonium propionate	0.18	9	10.07	U
Ammonium soaps of fatty acids	182.48	12	15.71	A
Ammonium soaps of fatty acids	300.48	N/A	N/A	N/A
Ammonium soaps of fatty acids	0.76	2	1,500.00	S
Ammonium sulfate	1,156,984.37	72,085	2,789,846.61	A
Ammonium sulfate	43,982.26	N/A	N/A	N/A
Ammonium sulfate	2.68	12	93,762.73	S
Ammonium sulfate	58.61	13	471.10	U
Ancymidol	0.21	130	2,436.26	A
Ancymidol	0.13	427	6,068,850.00	S
Arsenic pentoxide	1.18	1	7,000.00	S
Aspergillus flavus strain nrrl #21882	231.96	2,413	246,863.17	A
Aspergillus flavus strain nrrl #21882	< 0.01	N/A	N/A	N/A
Aspergillus flavus strain: af-36	9.72	1,272	122,066.96	A
Atrazine	13,724.59	147	8,725.65	A
Atrazine, other related	260.69	147	8,725.65	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Aureobasidium pullulans subspecies pullulans dsm # 14940	650.76	126	2,671.88	A
Aureobasidium pullulans subspecies pullulans dsm # 14941	650.76	126	2,671.88	A
Azadirachtin	3,805.58	13,608	135,140.20	A
Azadirachtin	< 0.01	2	1,902.00	C
Azadirachtin	7.13	N/A	N/A	N/A
Azadirachtin	284.43	4,592	64,908,883.71	S
Azadirachtin	1.01	8	14,216.00	U
Azoxystrobin	314,048.14	37,939	1,621,089.53	A
Azoxystrobin	0.17	N/A	13,750.00	C
Azoxystrobin	5,137.42	N/A	N/A	N/A
Azoxystrobin	17.74	N/A	1,178,962.95	P
Azoxystrobin	194.49	1,280	35,428,385.77	S
Azoxystrobin	4,923.89	N/A	3,590,857.81	T
Azoxystrobin	86.13	25	4,228,171.00	U
Bacillus altitudinis strain: qst 2808	7,691.02	5,956	83,207.13	A
Bacillus altitudinis strain: qst 2808	11.51	65	7,311,188.00	S
Bacillus amyloliquefacens strain: f727	52,247.35	1,337	12,882.78	A
Bacillus amyloliquefacens strain: f727	26,994.87	340	9,187,335.00	S
Bacillus amyloliquefaciens subsp. plantarum strain: fzb42	15.08	1	45.00	A
Bacillus mycoides isolate j	166.34	297	2,475.58	A
Bacillus mycoides isolate j	18.63	61	7,420,020.00	S
Bacillus sphaericus 2362 serotype h5a5b strain: abts 1743	14.15	N/A	524.00	A
Bacillus sphaericus 2362 serotype h5a5b strain: abts 1743	7,844.77	N/A	N/A	N/A
Bacillus subtilis strain: afs032321	94.52	7	49.81	A
Bacillus subtilis strain: fmch002	0.25	N/A	N/A	N/A
Bacillus subtilis subspecies subtilis strain: iab/bs03	86.31	878	18,079.60	A
Bacillus subtilis subspecies subtilis strain: iab/bs03	< 0.01	N/A	N/A	N/A
Bacillus subtilis subspecies subtilis strain: iab/bs03	0.07	3	34,000.00	S
Bacillus subtilis var. amyloliquefaciens strain fzb24	0.89	13	29.32	A
Bacillus subtilis var. amyloliquefaciens strain fzb24	< 0.01	N/A	N/A	N/A
Bacillus thuringiensis (berliner)	0.66	11	30.72	A
Bacillus thuringiensis (berliner)	0.01	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Bacillus thuringiensis (berliner), subsp. aizawai, serotype h-7	3.74	22	36.60	A
Bacillus thuringiensis (berliner), subsp. aizawai, serotype h-7	16.67	64	7,263,600.00	S
Bacillus thuringiensis (berliner), subsp. kurstaki, serotype 3a,3b	3.11	7	134.20	A
Bacillus thuringiensis (berliner), subsp. kurstaki, serotype 3a,3b	0.03	6	8,258.00	S
Bacillus thuringiensis (berliner), subsp. kurstaki, strain sa-11	62,240.39	3,737	76,138.21	A
Bacillus thuringiensis (berliner), subsp. kurstaki, strain sa-11	39.42	N/A	N/A	N/A
Bacillus thuringiensis (berliner), subsp. kurstaki, strain sa-11	0.62	8	330,725.00	S
Bacillus thuringiensis subsp. aizawai strain: abts-1857	145,074.20	17,447	175,077.25	A
Bacillus thuringiensis subsp. aizawai strain: abts-1857	1.28	N/A	N/A	N/A
Bacillus thuringiensis subsp. aizawai strain: abts-1857	242.79	148	22,425,272.00	S
Bacillus thuringiensis subsp. aizawai strain: gc-91	49,412.87	4,307	58,386.05	A
Bacillus thuringiensis subsp. israelensis strain: am 65-52	714.84	382	1,772.80	A
Bacillus thuringiensis subsp. israelensis strain: am 65-52	62,868.90	N/A	N/A	N/A
Bacillus thuringiensis subsp. israelensis strain: am 65-52	1,049.14	1,158	5,549,430.00	S
Bacillus thuringiensis subsp. israelensis strain: sum-6218	1.04	N/A	N/A	N/A
Bacillus thuringiensis subsp. kurstaki strain: abts-351	140,276.38	16,451	238,279.67	A
Bacillus thuringiensis subsp. kurstaki strain: abts-351	132.97	N/A	N/A	N/A
Bacillus thuringiensis subsp. kurstaki strain: abts-351	195.52	323	7,679,738.34	S
Bacillus thuringiensis subsp. kurstaki strain: abts-351	1.08	1	3,485.00	U
Bacillus thuringiensis subsp. kurstaki strain: eg7841 , genetically engineered	2,757.04	839	5,614.96	A
Bacillus thuringiensis subsp. kurstaki strain: eg7841 , genetically engineered	0.11	1	18,912.00	S
Bacillus thuringiensis subsp. kurstaki strain: evb-113-19	29,080.14	2,554	117,680.03	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Bacillus thuringiensis subsp. kurstaki strain: evb-113-19	9.75	146	118,729.00	S
Bacillus thuringiensis subsp. kurstaki strain: sa-12	15,808.14	805	21,282.46	A
Bacillus thuringiensis subsp. kurstaki strain: sa-12	32.70	N/A	N/A	N/A
Bacillus thuringiensis subsp. kurstaki strain: sa-12	18.69	5	104,360.00	S
Bacillus thuringiensis subspecies israelensis strain bmp 144	218.68	N/A	285.00	A
Bacillus thuringiensis subspecies israelensis strain bmp 144	0.78	6	8,250.00	C
Bacillus thuringiensis subspecies israelensis strain bmp 144	3,582.21	N/A	N/A	N/A
Bacillus thuringiensis subspecies israelensis strain bmp 144	8.48	N/A	3.00	P
Bacillus thuringiensis subspecies israelensis strain bmp 144	27.36	72	342,562.00	S
Bacillus thuringiensis subspecies israelensis strain bmp 144	4.03	1	794.00	U
Bacillus thuringiensis, subsp. kurstaki, strain hd-1	3.98	9	92.00	A
Bacillus velezensis strain: d747	185,757.53	4,953	45,972.72	A
Bacillus velezensis strain: d747	226.76	N/A	N/A	N/A
Bacillus velezensis strain: d747	4,208.43	812	21,699,814.50	S
Bacillus velezensis strain: gb03	0.51	N/A	N/A	N/A
Bacillus velezensis strain: gb03	0.13	N/A	600,000.00	S
Bacillus velezensis strain: mbi 600	1,960.44	987	33,831.88	A
Bacillus velezensis strain: mbi 600	0.11	N/A	N/A	N/A
Bacillus velezensis strain: qst 713	13,310.68	10,069	103,070.41	A
Bacillus velezensis strain: qst 713	15.03	N/A	N/A	N/A
Bacillus velezensis strain: qst 713	43.61	1,239	10,088,521.81	S
Bacillus velezensis strain: qst 713	1.57	21	98,126.00	U
Bacteriophages active against xylella fastidiosa	< 0.01	18	91.60	A
Bandane	< 0.01	N/A	N/A	N/A
Beauveria bassiana hf23	0.46	N/A	N/A	N/A
Beauveria bassiana hf23	2.56	N/A	2,700,000.00	S
Beauveria bassiana hf23	37.95	N/A	130.00	U
Beauveria bassiana strain: ant-03	2,713.19	360	3,925.85	A
Beauveria bassiana strain: ant-03	0.34	N/A	N/A	N/A
Beauveria bassiana strain: ant-03	574.19	560	3,948,664.00	S
Beauveria bassiana strain: gha	6,775.89	2,626	25,579.44	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Beauveria bassiana strain: gha	1,918.39	N/A	N/A	N/A
Beauveria bassiana strain: gha	146.24	834	20,236,896.29	S
Beauveria bassiana strain: ppri 5339	9.84	148	290.58	A
Beauveria bassiana strain: ppri 5339	1.13	90	518,896.00	S
Benefin	7,075.04	273	6,809.75	A
Benefin	1.37	N/A	N/A	N/A
Bensulfuron methyl	318.47	80	5,811.37	A
Bensulide	359,934.40	10,912	98,260.43	A
Bensulide	708.47	N/A	N/A	N/A
Bensulide	55.92	1	304,086.00	S
Bentazon, sodium salt	5,931.66	320	5,587.34	A
Bentonite	94,347.10	3,404	68,599.44	A
Benzobicyclon	65,331.86	4,020	306,952.65	A
Benzoic acid	3,162.61	18,522	484,744.78	A
Benzoic acid	230.64	N/A	N/A	N/A
Benzoic acid	0.89	3	3.03	U
Benzovindiflupyr	4,383.37	2,024	62,096.52	A
Benzovindiflupyr	170.92	N/A	N/A	N/A
Benzovindiflupyr	11.97	67	3,344,708.00	S
Benzovindiflupyr	0.38	1	20.00	U
Beta-conglutin	18,049.72	1,677	33,473.05	A
Beta-cyfluthrin	10,099.31	15,403	384,434.11	A
Beta-cyfluthrin	0.41	N/A	2,470,640.00	C
Beta-cyfluthrin	8,588.99	N/A	N/A	N/A
Beta-cyfluthrin	6.91	11	249,692.00	S
Beta-cyfluthrin	186.77	25	27,197.00	U
Bifenazate	251,816.46	11,340	402,482.55	A
Bifenazate	150.10	N/A	N/A	N/A
Bifenazate	52.69	418	11,985,454.00	S
Bifenazate	15.65	31	500,306.00	U
Bifenthrin	285,977.67	35,705	1,843,765.14	A
Bifenthrin	94.60	46	306,876.98	C
Bifenthrin	70,752.51	N/A	N/A	N/A
Bifenthrin	515.97	635	14,017,781.30	S
Bifenthrin	14.11	34	175,738.00	U
Bis butenylene tetrahydro furfural	0.40	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Bispyribac-sodium	2,945.74	1,356	93,047.41	A
Bispyribac-sodium	16.79	N/A	N/A	N/A
Boric acid	242.56	5	71.76	A
Boric acid	410,572.13	N/A	N/A	N/A
Boric acid	15,392.00	11	1,465,916.00	S
Boric acid	676,520.32	23	1,700,381.00	U
Boscalid	96,234.30	18,985	365,450.24	A
Boscalid	0.23	2	16,400.00	C
Boscalid	83.45	N/A	N/A	N/A
Boscalid	84.18	542	10,228,886.00	S
Boscalid	14.44	80	403,512.00	U
Brodifacoum	< 0.01	2	65.00	A
Brodifacoum	0.77	N/A	N/A	N/A
Brodifacoum	< 0.01	N/A	477,152.00	S
Brodifacoum	0.12	N/A	20,222.01	U
Bromacil	622.36	39	564.90	A
Bromacil	2,837.28	N/A	N/A	N/A
Bromacil, lithium salt	497.26	N/A	N/A	N/A
Bromadiolone	0.13	89	2,902.10	A
Bromadiolone	< 0.01	N/A	27.70	C
Bromadiolone	2.64	N/A	N/A	N/A
Bromadiolone	0.02	106	7,424,456.00	S
Bromadiolone	0.17	N/A	161.01	U
Bromethalin	0.08	74	595.50	A
Bromethalin	97.97	N/A	N/A	N/A
Bromethalin	0.12	28	17,163,810.00	S
Bromethalin	0.10	5	96.09	U
Bromoxynil heptanoate	13,332.25	1,176	57,948.91	A
Bromoxynil heptanoate	4.31	N/A	N/A	N/A
Bromoxynil octanoate	43,616.09	2,150	118,230.84	A
Bromoxynil octanoate	4.47	N/A	N/A	N/A
Bronopol	989.58	N/A	821,682.00	C
Bronopol	7.80	N/A	N/A	N/A
Bronopol	0.41	N/A	25,035.00	P
Bronopol	128.03	N/A	2,250,005.00	U
Buprofezin	366,027.74	5,793	273,260.08	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Buprofezin	2.41	N/A	N/A	N/A
Buprofezin	35.23	62	3,881,483.80	S
Buprofezin	3.99	3	546,068.00	U
Burkholderia rinojensis strain a396	457,978.51	5,703	102,877.34	A
Burkholderia rinojensis strain a396	26.37	N/A	N/A	N/A
Burkholderia rinojensis strain a396	2,119.94	1,375	3,525,653.01	S
Burkholderia rinojensis strain a396	0.25	N/A	1,192.15	T
Burkholderia rinojensis strain a396	0.06	1	1,000.00	U
Butadiene-styrene copolymer	13,138.17	8,907	143,185.47	A
Butadiene-styrene copolymer	62.04	N/A	N/A	N/A
Butadiene-styrene copolymer	38.18	411	13,360,985.60	S
Butyl alcohol	27,504.92	8,254	444,696.31	A
Butyl alcohol	1,126.92	N/A	N/A	N/A
Butyl lactate	2,568.40	1,580	60,997.07	A
Butyl lactate	2,398.04	N/A	N/A	N/A
Butyl lactate	292.29	520	25,735,954.00	S
Butyl lactate	13.27	23	459,105.00	U
Cadmium chloride	9.92	N/A	N/A	N/A
Cadmium chloride	2.02	1	70,000.00	S
Calcium acetate	0.72	N/A	N/A	N/A
Calcium carbonate	5,611.25	19	1,043.25	A
Calcium carbonate	27,440.00	N/A	2,137.00	U
Calcium chloride	10,694.96	4,757	197,206.42	A
Calcium chloride	18.88	N/A	N/A	N/A
Calcium hydroxide	3,954,559.90	9,117	214,504.61	A
Calcium hydroxide	36.00	3	4.00	S
Calcium hydroxide	30.38	1	372,000.00	U
Calcium hypochlorite	3,202.80	N/A	2,590.65	A
Calcium hypochlorite	361.86	N/A	71,135.00	K
Calcium hypochlorite	4,973.25	N/A	N/A	N/A
Calcium hypochlorite	29.07	63	418,010.00	S
Calcium hypochlorite	6,411.72	N/A	54,769.00	T
Calcium hypochlorite	7,656.84	N/A	24,085.00	U
Calcium oxytetracycline	1,689.94	396	10,350.09	A
Calcium salts of phosphorous acid	9.96	10	8.58	A
Canola oil	2,826.40	2,573	40,034.11	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Canola oil	9.84	N/A	N/A	N/A
Canola oil	31.73	102	2,581,547.00	S
Canola oil	7.14	6	30.00	U
Capric acid	147,846.56	2,265	38,700.74	A
Capric acid	11,762.80	N/A	N/A	N/A
Capric acid	18.84	4	223,680.00	S
Caprylic acid	205,471.25	2,266	38,709.24	A
Caprylic acid	16,896.20	N/A	N/A	N/A
Caprylic acid	24.46	4	223,680.00	S
Capsicum oleoresin	408.32	1,000	5,381.27	A
Capsicum oleoresin	N/A	2	900.00	C
Capsicum oleoresin	1.60	N/A	N/A	N/A
Capsicum oleoresin	11.55	172	5,867,314.00	S
Captan	368,194.85	5,954	208,110.85	A
Captan	19.55	N/A	N/A	N/A
Captan	8.19	N/A	5,424.00	P
Captan	1.24	8	4,800.30	S
Captan	103.53	6	606.00	U
Captan, other related	5,975.73	3,999	149,360.62	A
Captan, other related	0.45	N/A	N/A	N/A
Captan, other related	0.19	N/A	5,424.00	P
Captan, other related	0.24	5	90.00	U
Carbaryl	86,778.90	2,504	109,670.41	A
Carbaryl	4,137.76	N/A	N/A	N/A
Carbaryl	0.25	1	1,700.00	P
Carbaryl	131.72	116	988,034.00	S
Carbaryl	34.56	11	18,877.01	U
Carbo methoxy ether cellulose, sodium salt	76.24	217	5,545.94	A
Carbon	57.25	29	831.90	A
Carbon	1,152.89	N/A	N/A	N/A
Carbon	0.66	N/A	0.02	U
Carbon dioxide	10,586.65	N/A	49,122.00	C
Carbon dioxide	262,081.82	N/A	N/A	N/A
Carbon dioxide	4,732.38	N/A	1,379,959.00	P
Carbon dioxide	4,495.50	N/A	638.69	T
Carbon dioxide	10,827.58	N/A	312,106.00	U

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Carboxin	28.36	N/A	44,991.11	P
Carfentrazone-ethyl	14,613.14	20,711	787,573.40	A
Carfentrazone-ethyl	703.23	N/A	N/A	N/A
Carfentrazone-ethyl	2.15	8	2,356,094.30	S
Carfentrazone-ethyl	5.96	5	12,700.04	U
Casein	7,050.04	3,404	68,599.44	A
Castor oil	5.00	N/A	N/A	N/A
Castor oil ethoxylate	35,272.84	13,948	481,888.87	A
Castor oil ethoxylate	162.07	N/A	N/A	N/A
Castor oil, ethoxylated, oleate	1,272.23	756	21,961.35	A
Castor oil, ethoxylated, oleate	9.25	N/A	N/A	N/A
Cerevisane (cell walls of saccharomyces cerevisiae strain las117)	4,443.03	1,457	14,575.71	A
Chlorantraniliprole	169,703.00	45,087	2,189,300.51	A
Chlorantraniliprole	1,867.95	N/A	N/A	N/A
Chlorantraniliprole	9.77	15	985,109.00	S
Chlorantraniliprole	9.50	N/A	517.00	U
Chlordecone	< 0.01	N/A	N/A	N/A
Chlorfenapyr	150.30	705	2,732.38	A
Chlorfenapyr	26,557.30	N/A	N/A	N/A
Chlorfenapyr	18.97	154	3,945,850.00	S
Chlorflurenol, methyl ester	55.45	N/A	N/A	N/A
Chlorine	9,969.90	N/A	3,834.00	A
Chlorine	20.00	N/A	111,340.00	K
Chlorine	7,960.00	N/A	1,022.00	S
Chlorine	996.26	N/A	25,006.50	T
Chlorine	106,733.65	N/A	14,050.00	U
Chlorine dioxide	1.53	N/A	N/A	N/A
Chlorine dioxide	4,695.43	N/A	258,240.00	U
Chlormequat chloride	451.20	1,307	7,942.17	A
Chlormequat chloride	0.75	N/A	N/A	N/A
Chlormequat chloride	25.28	319	2,794,977.00	S
Chlormequat chloride	0.47	1	3,500.00	U
Chlorophacinone	1.13	290	8,521.46	A
Chlorophacinone	41.96	N/A	N/A	N/A
Chlorophacinone	< 0.01	1	712,700.00	S

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Chloropicrin	9,127,982.31	2,754	45,225.14	A
Chloropicrin	150.03	N/A	N/A	N/A
Chlorothalonil	1,026,795.68	15,474	493,860.37	A
Chlorothalonil	3.09	1	30,000.00	C
Chlorothalonil	84,512.98	N/A	N/A	N/A
Chlorothalonil	3,316.51	432	29,812,573.50	S
Chlorothalonil	36.49	13	100,303.00	U
Chlorpropham	89.51	N/A	100,000.00	A
Chlorpropham	119.35	N/A	133,333.00	C
Chlorpropham	175.26	N/A	N/A	N/A
Chlorpropham	2.40	N/A	108,790.00	T
Chlorpropham	99.14	N/A	66,333.00	U
Chlorpyrifos	512.59	12	258.75	A
Chlorpyrifos	1,931.80	N/A	N/A	N/A
Chlorpyrifos	0.50	2	1,600.00	S
Chlorsulfuron	215.36	40	6,145.27	A
Chlorsulfuron	14,692.90	N/A	N/A	N/A
Chlorsulfuron	0.01	N/A	1,600.00	P
Chlorsulfuron	0.19	N/A	101,895.00	S
Chlorthal-dimethyl	86,397.53	2,891	23,189.84	A
Chlorthal-dimethyl	0.34	N/A	N/A	N/A
Cholecalciferol	0.15	1	34.00	A
Cholecalciferol	307.89	N/A	N/A	N/A
Cholecalciferol	0.02	N/A	21.00	U
Chromic acid	0.93	1	7,000.00	S
Chromobacterium subtsugae strain: praa4-1	35,388.01	3,890	48,527.98	A
Chromobacterium subtsugae strain: praa4-1	3.05	N/A	N/A	N/A
Chromobacterium subtsugae strain: praa4-1	336.52	436	20,209,194.00	S
Cinnamaldehyde	1,874.52	77	3,707.79	A
Citric acid	225,165.66	79,342	2,978,400.97	A
Citric acid	4,893.39	N/A	N/A	N/A
Citric acid	0.03	1	6.00	P
Citric acid	99.85	722	28,707,274.71	S
Citric acid	11.63	36	459,900.10	U
Clarified hydrophobic extract of neem oil	72,492.43	3,551	19,330.51	A
Clarified hydrophobic extract of neem oil	894.42	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Clarified hydrophobic extract of neem oil	2,967.90	1,066	11,591,542.00	S
Clarified hydrophobic extract of neem oil	23.61	20	91,000.00	U
Clethodim	226,946.78	36,271	1,445,778.74	A
Clethodim	4,333.82	N/A	N/A	N/A
Clethodim	1.26	11	300,000.00	S
Clethodim	0.16	1	1.00	U
Clofentezine	11,414.94	1,104	52,070.35	A
Clofentezine	0.26	N/A	N/A	N/A
Clomazone	46,886.33	1,480	113,561.80	A
Clonostachys rosea strain: j1446	824.90	229	1,145.81	A
Clonostachys rosea strain: j1446	1.82	34	83,200.00	S
Clopyralid	4.57	N/A	N/A	N/A
Clopyralid, monoethanolamine salt	7,537.60	822	29,511.23	A
Clopyralid, monoethanolamine salt	3,129.42	N/A	N/A	N/A
Clopyralid, monoethanolamine salt	5.13	1	1,270,500.00	S
Clopyralid,triethylamine salt	31.49	1	116.00	A
Clopyralid,triethylamine salt	64.26	N/A	N/A	N/A
Clopyralid,triethylamine salt	0.11	N/A	21,000.00	S
Clothianidin	12,830.14	6,115	112,800.92	A
Clothianidin	1,880.03	N/A	N/A	N/A
Clothianidin	2,936.99	N/A	12,396.16	P
Clothianidin	3.74	N/A	604,000.00	S
Clothianidin	4.57	N/A	26.00	U
Coconut diethanolamide	17,296.90	3,713	117,418.19	A
Coconut diethanolamide	11.04	N/A	N/A	N/A
Coconut diethanolamide	10.04	254	42,186,630.00	S
Coconut diethanolamide	< 0.01	1	292.00	U
Coniothyrium minitans strain: con/m/91-08	636.77	267	5,301.94	A
Copper	54.86	15	116.50	A
Copper	0.56	N/A	N/A	N/A
Copper 8-quinolinoleate	0.02	N/A	N/A	N/A
Copper ammonium carbonate	100,938.91	N/A	N/A	N/A
Copper ammonium complex	2.38	13	5.94	A
Copper ammonium complex	35.83	N/A	N/A	N/A
Copper ammonium complex	3.07	18	88.00	U
Copper carbonate, basic	4,554.96	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Copper diammonium diacetate complex	166.34	58	125.02	A
Copper diammonium diacetate complex	313.30	N/A	N/A	N/A
Copper ethanolamine complexes, mixed	15,928.43	75	6,142.56	A
Copper ethanolamine complexes, mixed	5,141.14	N/A	2,086,360.95	C
Copper ethanolamine complexes, mixed	9,048.67	N/A	252,866.37	K
Copper ethanolamine complexes, mixed	50,465.43	N/A	N/A	N/A
Copper ethanolamine complexes, mixed	13.51	1	88,376.00	S
Copper ethanolamine complexes, mixed	5,649.56	N/A	466.51	U
Copper ethylenediamine complex	50,199.20	2	1,940.20	A
Copper ethylenediamine complex	987.84	2	87,420.00	C
Copper ethylenediamine complex	1,503.54	N/A	25,757.95	K
Copper ethylenediamine complex	8,041.94	N/A	N/A	N/A
Copper ethylenediamine complex	155.14	N/A	397,900.00	S
Copper ethylenediamine complex	13.93	2	0.33	U
Copper hydroxide	1,832,678.24	31,615	957,189.01	A
Copper hydroxide	3,046.46	N/A	N/A	N/A
Copper hydroxide	848.78	N/A	164,314.73	P
Copper hydroxide	58.35	137	1,330,890.00	S
Copper hydroxide	9.82	16	40,698.00	U
Copper naphthenate	3,921.86	N/A	N/A	N/A
Copper octanoate	18,669.40	4,848	31,395.68	A
Copper octanoate	34.59	N/A	N/A	N/A
Copper octanoate	434.10	447	22,989,662.05	S
Copper octanoate	8.92	10	35,929.00	U
Copper oxide (ic)	0.51	1	7,000.00	S
Copper oxychloride	244,089.05	8,478	244,068.90	A
Copper oxychloride	762.63	N/A	N/A	N/A
Copper oxychloride	2.64	59	230,000.00	S
Copper salts of fatty and rosin acids	15.17	3	4.20	A
Copper salts of fatty and rosin acids	3.38	N/A	N/A	N/A
Copper salts of fatty and rosin acids	119.94	11	375,000.00	S
Copper sulfate (basic)	695,789.12	7,908	182,779.33	A
Copper sulfate (basic)	1,963.48	N/A	N/A	N/A
Copper sulfate (basic)	1.36	1	61,439.00	S
Copper sulfate (basic)	31.91	2	372,002.00	U
Copper sulfate (pentahydrate)	969,207.08	2,516	117,338.40	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Copper sulfate (pentahydrate)	5,697.29	N/A	1,690,644.50	C
Copper sulfate (pentahydrate)	3,376.91	N/A	87,066.00	K
Copper sulfate (pentahydrate)	239,156.03	N/A	N/A	N/A
Copper sulfate (pentahydrate)	166.78	139	5,336,565.00	S
Copper sulfate (pentahydrate)	156,367.46	N/A	187,815.39	U
Copper triethanolamine complex	3,398.58	2	535.35	A
Copper triethanolamine complex	1,099.33	N/A	300.00	C
Copper triethanolamine complex	250.23	N/A	5,371.87	K
Copper triethanolamine complex	9,180.81	N/A	N/A	N/A
Copper triethanolamine complex	174.20	1	390,900.00	S
Cottonseed oil	14,013.71	393	15,540.84	A
Cottonseed oil	0.89	N/A	N/A	N/A
Coyote urine	1.22	N/A	N/A	N/A
Cryolite	114,380.71	467	12,349.49	A
Cube extracts	0.11	1	38.20	A
Cube extracts	0.06	N/A	N/A	N/A
Cuprous oxide	168,402.02	4,387	67,172.93	A
Cuprous oxide	31.65	N/A	N/A	N/A
Cuprous oxide	308.40	173	11,038,547.00	S
Cuprous oxide	4.20	2	209.00	U
Cyanazine	0.06	N/A	N/A	N/A
Cyantraniliprole	53,999.82	24,721	390,114.67	A
Cyantraniliprole	16.41	N/A	N/A	N/A
Cyantraniliprole	4.45	N/A	3,075.00	P
Cyantraniliprole	3,471.10	755	13,597,330.00	S
Cyantraniliprole	5.49	17	592,518.00	U
Cyanuric acid	1.82	1	298.00	A
Cyanuric acid	0.82	N/A	N/A	N/A
Cyanuric acid, monosodium salt	52,946.48	4	606.00	A
Cyazofamid	4,164.41	4,366	33,745.83	A
Cyazofamid	735.00	N/A	N/A	N/A
Cyazofamid	53.54	195	10,686,705.00	S
Cyazofamid	0.23	6	25,932.00	U
Cyclanilide	1,312.79	361	17,979.54	A
Cyclaniliprole	558.18	1,242	10,842.69	A
Cyclaniliprole	0.16	3	85,000.00	S

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Cycloate	40,738.07	2,574	19,836.11	A
Cycloate	12.69	N/A	N/A	N/A
Cydia pomonella granulosis virus	0.26	265	2,627.43	A
Cydia pomonella granulosis virus	< 0.01	N/A	N/A	N/A
Cyflufenamid	7,391.66	8,381	272,202.05	A
Cyflufenamid	0.62	N/A	N/A	N/A
Cyflufenamid	0.25	27	109,075.00	S
Cyflumetofen	61,968.34	7,434	327,586.99	A
Cyflumetofen	1.62	N/A	N/A	N/A
Cyflumetofen	7.46	140	1,997,780.00	S
Cyflumetofen	3.12	5	31,340.00	U
Cyfluthrin	12,202.80	6,035	235,839.16	A
Cyfluthrin	< 0.01	3	6,000.00	C
Cyfluthrin	1,229.14	N/A	N/A	N/A
Cyfluthrin	2.79	135	2,137,371.00	S
Cyfluthrin	48.81	15	309,939.00	U
Cyhalofop-butyl	9,806.10	426	31,203.61	A
Cyhalofop-butyl	133.44	N/A	N/A	N/A
Cymoxanil	7,411.51	2,733	53,522.10	A
Cypermethrin	1,431.26	699	14,737.23	A
Cypermethrin	11,921.67	N/A	N/A	N/A
Cypermethrin	< 0.01	2	5,800.00	S
Cypermethrin	107.46	N/A	0.03	U
Cyprodinil	161,467.10	18,436	604,161.71	A
Cyprodinil	3.05	N/A	N/A	N/A
Cyprodinil	67.09	309	10,089,531.00	S
Cyprodinil	87.30	4	10,330.00	U
Cyromazine	2,838.56	2,104	19,580.35	A
Cyromazine	0.04	N/A	N/A	N/A
Cyromazine	260.82	N/A	4,920.13	P
Cyromazine	132.64	346	18,873,896.00	S
Cytokinin (as kinetin)	3.26	90	7,012.35	A
D-allethrin	0.52	N/A	N/A	N/A
D-glucopyranose, oligomeric, c9-11-alkyl glycosides	2,117.91	1,571	85,761.12	A
D-glucopyranose, oligomeric, c9-11-alkyl glycosides	2,562.86	N/A	N/A	N/A
D-trans allethrin	6.51	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Daminozide	2,567.84	2,011	22,111.74	A
Daminozide	< 0.01	N/A	N/A	N/A
Daminozide	762.88	1,164	13,455,485.75	S
Daminozide	1.91	1	3,500.00	U
Dazomet	154.69	6	16.25	A
Dazomet	6.59	5	384.00	C
Dazomet	13,001.34	N/A	N/A	N/A
Ddvp	751.02	2	1,396.00	A
Ddvp	79.45	N/A	4,842,776.00	C
Ddvp	1.48	N/A	310.00	K
Ddvp	2,651.78	N/A	N/A	N/A
Ddvp	62.96	N/A	354,128.00	S
Ddvp	35.12	N/A	2.01	U
Ddvp, other related	8.18	1	1,258.00	A
Ddvp, other related	20.51	N/A	N/A	N/A
Ddvp, other related	1.43	N/A	100,000.00	S
Deet	62.10	N/A	N/A	N/A
Deet	0.17	N/A	1.00	U
Deet, other related	3.27	N/A	N/A	N/A
Deltamethrin	3.59	7	166.00	A
Deltamethrin	48,347.62	N/A	N/A	N/A
Deltamethrin	0.04	1	12,000.00	S
Deltamethrin	29.61	N/A	35,198.48	T
Deltamethrin	10.75	N/A	57,799.08	U
Dextrin	0.15	N/A	N/A	N/A
Diatomaceous earth	597,517.63	3,677	35,745.02	A
Diatomaceous earth	1,741.07	N/A	N/A	N/A
Diatomaceous earth	135.07	17	59,593.00	S
Diatomaceous earth, other related	9,698.75	187	3,592.76	A
Diazinon	16,240.18	333	7,880.53	A
Diazinon	31.12	N/A	N/A	N/A
Diazinon	0.76	2	7,650.00	S
Diazinon	30.00	N/A	4,050.00	U
Dicamba	87.22	134	3,708.47	A
Dicamba	838.76	N/A	N/A	N/A
Dicamba	2.60	5	1,684,750.00	S

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Dicamba	0.10	4	2,500.03	U
Dicamba, dimethylamine salt	4,696.52	438	23,699.01	A
Dicamba, dimethylamine salt	1,304.25	N/A	N/A	N/A
Dicamba, dimethylamine salt	0.89	48	317,657.00	S
Dicamba, dimethylamine salt, other related	0.54	N/A	N/A	N/A
Dicamba, sodium salt	4,386.08	468	26,419.77	A
Dichlobenil	2.00	1	1.00	A
Dichlobenil	5,473.05	N/A	77,989.22	C
Dichlobenil	56,508.03	N/A	N/A	N/A
Dichlobenil	1,418.75	N/A	54,370.00	U
Dicloran	5,256.19	566	5,966.04	A
Dicloran	0.12	N/A	N/A	N/A
Didecyl dimethyl ammonium chloride	131.47	169	1,377.89	A
Didecyl dimethyl ammonium chloride	60.56	N/A	N/A	N/A
Didecyl dimethyl ammonium chloride	114.41	88	1,850,268.00	S
Didecyl dimethyl ammonium chloride	< 0.01	N/A	30.00	T
Didecyl dimethyl ammonium chloride	158.02	20	372.02	U
Dienochlor	0.06	1	6,000.00	S
Diethylene glycol	194,349.41	22,136	1,331,035.35	A
Diethylene glycol	5,953.34	N/A	N/A	N/A
Diethylene glycol	14.75	150	1,702,547.00	S
Diethylene glycol	3.22	1	502.00	U
Difenoconazole	92,996.08	17,786	820,789.03	A
Difenoconazole	827.53	N/A	N/A	N/A
Difenoconazole	2.58	N/A	15,000.00	P
Difenoconazole	9.70	40	1,249,383.00	S
Difenoconazole	0.07	N/A	1,147.60	T
Difethialone	< 0.01	36	232.76	A
Difethialone	0.89	N/A	N/A	N/A
Difethialone	< 0.01	11	312,000.00	S
Difethialone	< 0.01	N/A	54.00	U
Diflubenzuron	35,393.87	7,185	204,243.93	A
Diflubenzuron	0.20	N/A	N/A	N/A
Diflubenzuron	0.98	41	72,130.00	S
Diflufenzopyr, sodium salt	1,273.48	357	21,496.22	A
Diglycolamine salt of 3,6-dichloro-o-anisic acid	44,665.60	1,959	111,690.16	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Diglycolamine salt of 3,6-dichloro-o-anisic acid	1,151.34	N/A	N/A	N/A
Diglycolamine salt of 3,6-dichloro-o-anisic acid	49.91	N/A	1.00	U
Diiodomethyl p-tolyl sulfone	0.57	N/A	7,699.96	K
Dikegulac sodium	6.12	20	234.83	A
Dikegulac sodium	4,949.13	N/A	N/A	N/A
Dikegulac sodium	0.08	2	456.00	S
Dimethenamid-p	10,286.88	879	15,027.00	A
Dimethenamid-p	708.17	N/A	N/A	N/A
Dimethenamid-p	12.38	7	1,650.00	P
Dimethenamid-p	22.54	33	1,433,858.50	S
Dimethenamid-p	0.23	2	7,125.00	U
Dimethoate	94,633.30	4,804	303,404.63	A
Dimethoate	1.29	N/A	N/A	N/A
Dimethomorph	21,985.47	10,490	109,780.85	A
Dimethomorph	3.77	N/A	N/A	N/A
Dimethomorph	5.41	60	803,220.00	S
Dimethomorph	0.10	1	2,000.00	U
Dimethyl alkyl tertiary amines	3,452.28	18,522	484,744.78	A
Dimethyl alkyl tertiary amines	250.62	N/A	N/A	N/A
Dimethyl alkyl tertiary amines	0.97	3	3.03	U
Dimethyl and methyl napthalene sulfonic acid, sodium salt	2.10	N/A	N/A	N/A
Dimethyl phthalate	43.58	N/A	N/A	N/A
Dimethyl silicone fluid emulsion	1,032.52	16,385	185,087.16	A
Dimethyl silicone fluid emulsion	21.66	N/A	N/A	N/A
Dimethyl silicone fluid emulsion	< 0.01	1	1,000.00	S
Dimethylamine 2-(2,4-dichlorophenoxy)propionate	2.03	N/A	N/A	N/A
Dimethylpolysiloxane	222,953.88	130,272	5,159,264.46	A
Dimethylpolysiloxane	719.05	N/A	N/A	N/A
Dimethylpolysiloxane	61.28	579	8,106,445.76	S
Dimethylpolysiloxane	7.47	25	2,360,262.06	U
Dinoseb	0.50	1	10.00	A
Dinotefuran	10,739.89	4,037	58,550.58	A
Dinotefuran	0.19	1	2,800.00	C
Dinotefuran	120,045.31	N/A	N/A	N/A
Dinotefuran	808.26	1,014	39,874,766.01	S

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Dinotefuran	133.65	135	1,548,692.55	U
Dioctyl dimethyl ammonium chloride	7.00	10	146.28	A
Dioctyl dimethyl ammonium chloride	13.91	N/A	N/A	N/A
Dioctyl dimethyl ammonium chloride	< 0.01	N/A	30.00	T
Dioctyl dimethyl ammonium chloride	3,179.71	N/A	40.00	U
Diphacinone	15.31	2,892	136,509.61	A
Diphacinone	17.96	N/A	N/A	N/A
Diphacinone	< 0.01	1	1.50	P
Diphacinone	0.04	50	456,752.00	S
Diphacinone	0.03	48	520.16	U
Diphacinone, sodium salt	< 0.01	1	6.22	A
Diphacinone, sodium salt	0.66	N/A	N/A	N/A
Diphacinone, sodium salt	< 0.01	N/A	715,728.00	S
Diphacinone, sodium salt	0.01	N/A	0.02	U
Diphenylamine	6.83	N/A	N/A	N/A
Dipropyl isocinchomeronate	4.16	N/A	N/A	N/A
Diquat dibromide	79,296.83	5,660	49,634.38	A
Diquat dibromide	17.07	3	508,262.00	C
Diquat dibromide	56,681.52	N/A	N/A	N/A
Diquat dibromide	416.69	393	6,793,903.00	S
Diquat dibromide	972.10	N/A	297.50	U
Disodium octaborate anhydrous	4,818.29	N/A	N/A	N/A
Disodium octaborate tetrahydrate	663.97	22	7,149.60	A
Disodium octaborate tetrahydrate	1,059,411.90	N/A	N/A	N/A
Disodium octaborate tetrahydrate	< 0.01	N/A	4.00	U
Disulfoton	0.03	N/A	N/A	N/A
Dithiopyr	3,361.33	1,090	4,605.49	A
Dithiopyr	150,696.19	N/A	N/A	N/A
Dithiopyr	< 0.01	N/A	600.00	P
Dithiopyr	59.33	178	4,496,049.00	S
Dithiopyr	25.35	3	22.03	U
Diuron	36,601.27	3,132	223,325.11	A
Diuron	37,505.25	N/A	N/A	N/A
Diuron	16.90	10	234,675.00	S
Diuron	12.80	1	0.01	U
Dodecylbenzene sulfonic acid	474.07	1,537	30,691.69	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Dodecylbenzene sulfonic acid	49.88	N/A	N/A	N/A
Dodecylbenzene sulfonic acid	43.50	254	42,186,630.00	S
Dodecylbenzene sulfonic acid	0.01	1	292.00	U
Dodecylguanidine hydrochloride	1.24	N/A	4,172.50	P
Dodine	3,969.97	202	3,402.27	A
Dysphania ambrosioides	43.07	6	39.95	A
E-11-tetradecen-1-yl acetate	3.61	119	2,120.27	A
E-8-dodecenyl acetate	608.07	3,288	44,811.67	A
E-8-dodecenyl acetate	2.13	N/A	N/A	N/A
Edta	5,059.62	6,955	369,941.55	A
Edta	66.15	N/A	N/A	N/A
Edta, tetrasodium salt	29.78	1,600	30,924.28	A
Edta, tetrasodium salt	2.94	N/A	N/A	N/A
Edta, tetrasodium salt	2.68	255	42,196,630.00	S
Edta, tetrasodium salt	< 0.01	1	292.00	U
Emamectin benzoate	2,467.15	13,559	177,390.24	A
Emamectin benzoate	108.14	N/A	N/A	N/A
Emamectin benzoate	0.59	N/A	85.00	U
Emulsifiable methylated vegetable oil	243,006.42	27,740	463,964.79	A
Emulsifiable methylated vegetable oil	302.78	N/A	N/A	N/A
Emulsifiable methylated vegetable oil	0.02	1	1,000.00	S
Emulsifiable polyethylene	123.72	18	697.87	A
Emulsifiable polyethylene	5.83	N/A	N/A	N/A
Emulsifiable polyethylene	0.73	N/A	1,007,500.00	S
Endosulfan	11.56	1	157.42	A
Endosulfan	0.07	N/A	N/A	N/A
Endothall, dipotassium salt	73,360.43	N/A	3,339.37	A
Endothall, dipotassium salt	2,770.96	N/A	136,568.00	C
Endothall, dipotassium salt	1,061.77	N/A	8,158.07	K
Endothall, dipotassium salt	43,141.56	N/A	N/A	N/A
Endothall, dipotassium salt	283.97	N/A	719,527.00	S
Endothall, dipotassium salt	4,721.21	N/A	574.00	U
Endothall, disodium salt	11,154.51	N/A	N/A	N/A
Endothall, mono(n,n-dimethylalkylamine) salt	6,401.88	N/A	310.23	A
Endothall, mono(n,n-dimethylalkylamine) salt	6,500.68	N/A	2,101.00	C
Endothall, mono(n,n-dimethylalkylamine) salt	2,864.43	N/A	20,503.72	K

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Endothall, mono(n,n-dimethylalkylamine) salt	38,793.00	N/A	N/A	N/A
Endothall, mono(n,n-dimethylalkylamine) salt	8,405.70	N/A	7,654.03	U
Epn	0.28	N/A	N/A	N/A
Epn	0.19	N/A	8,000.00	S
Eptc	160,433.65	898	57,905.04	A
Eptc	6.32	N/A	N/A	N/A
Esbiothrin	0.02	N/A	N/A	N/A
Esfenvalerate	28,504.55	15,450	484,178.43	A
Esfenvalerate	16,602.25	N/A	N/A	N/A
Esfenvalerate	0.14	1	42,450.00	S
Esfenvalerate	8.17	N/A	29.13	U
Essential oils	0.22	N/A	N/A	N/A
Ethalfluralin	21,371.31	437	18,320.33	A
Ethanolamine	2,362.98	4,598	78,113.83	A
Ethanolamine	54.15	N/A	N/A	N/A
Ethanolamine	0.03	1	6.00	P
Ethanolamine	0.95	183	2,479,830.73	S
Ethanolamine	0.01	1	785.00	U
Ethephon	362,643.71	8,496	436,439.47	A
Ethephon	19,809.60	N/A	N/A	N/A
Ethephon	396.52	281	10,523,792.60	S
Ethephon	1.12	23	142,751.00	U
Ethion	8.02	1	8.00	A
Ethofumesate	5,799.98	164	8,380.62	A
Ethofumesate	5,265.43	N/A	N/A	N/A
Ethofumesate	7.52	N/A	174,000.00	S
Ethoprop	10,301.79	196	2,820.66	A
Ethyl alcohol	29.50	5	58.83	A
Ethyl alcohol	< 0.01	N/A	N/A	N/A
Ethyl alcohol	0.54	N/A	300,000.00	S
Ethyl alcohol	26.36	N/A	44.00	U
Ethylene	1,129.99	206	13,012,692.00	S
Ethylene	67.37	22	91,100.00	U
Ethylene glycol	42,163.08	3,774	164,922.46	A
Ethylene glycol	106.71	N/A	N/A	N/A
Ethylene glycol monomethyl ether	268.83	215	5,087.39	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Etofenprox	736.59	N/A	N/A	N/A
Etofenprox	0.26	N/A	N/A	U
Etoxazole	84,174.90	13,816	682,439.36	A
Etoxazole	0.86	N/A	N/A	N/A
Etoxazole	3.17	76	1,385,044.00	S
Eugenol	82.18	49	1,183.48	A
Eugenol	< 0.01	N/A	N/A	N/A
Extract of caesalpinia spinosa	467.26	1	9.10	A
Famoxadone	4,180.06	934	35,229.23	A
Farnesol	1.56	21	265.82	A
Fatty acids, c16-18 and c18-unsaturated, branched and linear	622.48	1,705	53,611.20	A
Fatty acids, c16-18 and c18-unsaturated, branched and linear	4.26	N/A	N/A	N/A
Fatty acids, c16-18 and c18-unsaturated, branched and linear	< 0.01	N/A	4,200.00	S
Fatty acids, c16-c18 and c18-unsaturated, methyl esters	263,932.38	25,996	755,205.03	A
Fatty acids, c16-c18 and c18-unsaturated, methyl esters	529.40	N/A	N/A	N/A
Fatty acids, c16-c18 and c18-unsaturated, methyl esters	9.98	N/A	94.00	U
Fatty acids, methyl esters	483,630.22	7,530	416,103.19	A
Fatty acids, methyl esters	672.14	N/A	N/A	N/A
Fatty acids, mixed	7,782.70	22,784	1,217,490.26	A
Fatty acids, mixed	507.52	N/A	N/A	N/A
Fatty acids, mixed	9.15	370	32,360,815.30	S
Fatty acids, mixed	4.49	26	550,198.02	U
Fatty acids, tallow	14,156.71	5,575	268,211.53	A
Fatty acids, tallow	206.56	N/A	N/A	N/A
Fenamidone	19,726.75	5,887	83,485.84	A
Fenamidone	0.06	N/A	N/A	N/A
Fenamidone	22.65	59	4,785,700.00	S
Fenarimol	0.28	3	4.56	A
Fenazaquin	49,276.99	1,780	74,630.79	A
Fenazaquin	0.70	N/A	N/A	N/A
Fenazaquin	0.75	6	20,600.30	S
Fenbuconazole	2,220.11	737	23,464.95	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Fenbutatin-oxide	5,752.57	293	6,130.75	A
Fenhexamid	44,011.35	3,685	80,542.07	A
Fenhexamid	0.53	N/A	N/A	N/A
Fenhexamid	61.92	292	4,485,598.00	S
Fenhexamid	35.38	4	2,317,186.00	U
Fenoxaprop-p-ethyl	27.42	7	334.00	A
Fenoxaprop-p-ethyl	< 0.01	N/A	N/A	N/A
Fenoxycarb	0.13	2	9.67	A
Fenoxycarb	2.10	N/A	N/A	N/A
Fenpropathrin	42,718.59	5,238	128,803.15	A
Fenpropathrin	23.15	N/A	N/A	N/A
Fenpropathrin	14.04	101	1,058,888.00	S
Fenpropathrin	10.24	67	1,156,389.63	U
Fenpyroximate	26,410.85	6,036	226,037.48	A
Fenpyroximate	0.47	N/A	N/A	N/A
Fenpyroximate	3.68	69	1,471,543.00	S
Fenpyroximate	0.14	4	19,500.00	U
Fenvalerate	< 0.01	1	0.60	A
Ferric sodium edta	3,957.22	501	6,237.01	A
Ferric sodium edta	711.57	N/A	N/A	N/A
Ferric sodium edta	0.75	8	8,000.00	S
Ferric sulfate (anhydrous)	10.39	N/A	N/A	N/A
Fipronil	0.10	6	9.19	A
Fipronil	34,447.48	N/A	N/A	N/A
Fipronil	1.22	1	215,428.00	S
Fipronil	0.26	N/A	159.00	U
Flazasulfuron	1,520.19	2,797	47,215.57	A
Flazasulfuron	6.80	N/A	N/A	N/A
Flonicamid	53,733.67	19,581	585,606.84	A
Flonicamid	9.51	N/A	N/A	N/A
Flonicamid	26.69	130	2,743,261.00	S
Florasulam	5.98	N/A	436.00	A
Florasulam	13.60	N/A	N/A	N/A
Florpyrauxifen-benzyl	1,646.75	661	50,005.99	A
Florpyrauxifen-benzyl	0.32	N/A	N/A	N/A
Fluazifop-butyl	84.11	35	225.43	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Fluazifop-butyl	49.60	N/A	N/A	N/A
Fluazifop-butyl	0.03	1	20,000.00	S
Fluazifop-p-butyl	18,123.41	2,516	65,019.75	A
Fluazifop-p-butyl	2,749.55	N/A	N/A	N/A
Fluazifop-p-butyl	3.56	7	101,925.00	S
Fluazifop-p-butyl	0.22	1	22.00	U
Fluazinam	2,939.67	179	2,400.85	A
Fluazinam	2,625.63	N/A	N/A	N/A
Fluazinam	34.52	N/A	1,870,000.00	S
Flubendiamide	0.62	2	16.11	A
Fludioxonil	86,625.35	16,668	491,217.57	A
Fludioxonil	866.22	N/A	N/A	N/A
Fludioxonil	18.37	N/A	792,220.86	P
Fludioxonil	188.49	895	28,202,846.00	S
Fludioxonil	9,443.92	N/A	5,135,330.74	T
Fludioxonil	92.04	32	308,285.00	U
Fluensulfone	1,819.40	20	1,122.03	A
Fluensulfone	24.28	N/A	N/A	N/A
Flumiclorac-pentyl	1.16	1	21.60	A
Flumioxazin	106,492.62	16,759	463,773.92	A
Flumioxazin	6,851.91	N/A	N/A	N/A
Flumioxazin	4.68	21	462,774.00	S
Flumioxazin	121.82	6	118.63	U
Fluopicolide	4,104.44	4,109	33,871.23	A
Fluopicolide	0.18	N/A	N/A	N/A
Fluopicolide	28.60	123	8,047,962.50	S
Fluopicolide	25.45	78	1,204,837.50	U
Fluopyram	61,169.90	20,918	633,612.87	A
Fluopyram	138.31	N/A	N/A	N/A
Fluopyram	14.25	256	4,858,733.00	S
Fluopyram	0.26	3	9,000.00	U
Fluoxastrobin	2.15	10	33.00	A
Fluoxastrobin	7.49	N/A	N/A	N/A
Fluoxastrobin	0.64	7	216,100.00	S
Flupyradifurone	84,448.45	23,534	537,244.84	A
Flupyradifurone	130.92	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Flupyradifurone	61.55	325	7,476,784.52	S
Flupyradifurone	19.51	39	482,143.00	U
Flurecol-methyl	13.23	N/A	N/A	N/A
Fluridone	281.65	9	878.70	A
Fluridone	82.55	N/A	205,601.11	C
Fluridone	1.68	N/A	386.70	K
Fluridone	778.32	N/A	N/A	N/A
Fluridone	0.60	N/A	88,000.00	S
Fluridone	9.61	N/A	125.50	U
Fluroxypyr, 1-methylheptyl ester	414.16	44	1,964.18	A
Fluroxypyr, 1-methylheptyl ester	937.42	N/A	N/A	N/A
Flurprimidol	427.00	466	5,752.88	A
Flurprimidol	1,795.08	N/A	N/A	N/A
Flurprimidol	5.74	34	1,346,500.50	S
Flurprimidol	< 0.01	2	5,000.00	U
Flutianil	821.87	1,078	39,345.20	A
Flutolanil	500.77	7	308.80	A
Flutolanil	2,680.05	N/A	N/A	N/A
Flutolanil	42.43	N/A	336,923.00	S
Flutriafol	23,002.85	6,548	250,380.44	A
Flutriafol	1.52	N/A	N/A	N/A
Fluxapyroxad	66,697.45	15,816	679,607.58	A
Fluxapyroxad	568.99	N/A	N/A	N/A
Fluxapyroxad	11.29	43	2,108,100.00	S
Fluxapyroxad	10.90	5	676,000.00	U
Folpet	0.34	1	38.20	A
Foramsulfuron	21.53	37	1,018.56	A
Foramsulfuron	< 0.01	N/A	2,000.00	K
Foramsulfuron	229.53	N/A	N/A	N/A
Foramsulfuron	0.27	N/A	283,000.00	S
Forchlorfenuron	136.26	1,008	39,358.29	A
Formetanate hydrochloride	30,195.87	1,256	27,307.28	A
Formic acid	372.47	13	8.04	A
Formic acid	1.00	4	18.00	C
Formic acid	< 0.01	N/A	N/A	N/A
Formic acid	2,279.15	67	164,016.00	U

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Fosetyl-al	132,912.89	6,314	46,927.28	A
Fosetyl-al	4,374.19	N/A	N/A	N/A
Fosetyl-al	1,236.42	510	21,287,856.00	S
Fosetyl-al	8.00	2	7,500.00	U
Fox urine	0.04	N/A	N/A	N/A
Gamma-cyhalothrin	< 0.01	6	0.66	A
Gamma-cyhalothrin	519.41	N/A	N/A	N/A
Gamma-cyhalothrin	1.51	2	770,236.00	S
Gamma-cyhalothrin	20.61	N/A	38.00	U
Garlic	1,223.43	957	4,842.44	A
Garlic	< 0.01	N/A	N/A	N/A
Garlic	35.57	172	5,867,314.00	S
Geraniol	168.24	70	1,449.30	A
Gibberellins	16,261.72	15,800	432,403.73	A
Gibberellins	0.44	N/A	N/A	N/A
Gibberellins	2.83	185	1,317,058.00	S
Gibberellins	159.95	N/A	1,701,930.98	T
Gibberellins	0.50	3	34,487.63	U
Gliocladium virens strain: g-41	6.95	696	3,141.25	A
Gliocladium virens strain: g-41	0.33	24	1,326.00	C
Gliocladium virens strain: g-41	0.46	N/A	N/A	N/A
Gliocladium virens strain: g-41	2.84	379	2,685,223.75	S
Gliocladium virens strain: g-41	0.09	9	76,830.00	U
Glufosinate-ammonium	2,255,499.78	81,122	2,430,417.53	A
Glufosinate-ammonium	141,143.61	N/A	N/A	N/A
Glufosinate-ammonium	32.02	65	1,012,012.00	S
Glufosinate-ammonium	1,501.24	27	34,019.20	U
Glutaraldehyde	703.85	N/A	35.00	A
Glutaraldehyde	28.00	N/A	N/A	N/A
Glutaraldehyde	62.05	N/A	166,887.50	P
Glutaraldehyde	1.31	N/A	238,576.00	S
Glutaraldehyde	102,142.21	20	4,690.02	U
Glutens, corn	67,332.70	3,231	66,612.88	A
Glutens, corn	7.71	N/A	N/A	N/A
Glycerol	127,125.34	16,367	597,785.17	A
Glycerol	2,164.08	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Glycerol	57.31	35	157,099.00	S
Glycerol	2.43	3	0.03	U
Glyphosate	42.10	N/A	N/A	N/A
Glyphosate, diammonium salt	128,768.04	1,723	47,559.41	A
Glyphosate, diammonium salt	3,432.07	N/A	N/A	N/A
Glyphosate, dimethylamine salt	14,685.55	306	7,750.56	A
Glyphosate, dimethylamine salt	3,901.91	N/A	N/A	N/A
Glyphosate, isopropylamine salt	4,120,702.49	76,543	2,281,294.99	A
Glyphosate, isopropylamine salt	163.79	9	32,172.00	C
Glyphosate, isopropylamine salt	1.34	3	30,001.50	K
Glyphosate, isopropylamine salt	1,382,357.18	N/A	N/A	N/A
Glyphosate, isopropylamine salt	24.95	1	6.25	P
Glyphosate, isopropylamine salt	1,172.97	548	9,885,822.46	S
Glyphosate, isopropylamine salt	5,998.12	90	2,194,761.16	U
Glyphosate, monoammonium salt	40.59	4	27.00	A
Glyphosate, monoammonium salt	21,230.45	N/A	N/A	N/A
Glyphosate, monoammonium salt	0.14	N/A	1,331.00	S
Glyphosate, monoammonium salt	9.38	N/A	200.00	U
Glyphosate, potassium salt	5,296,998.49	73,134	2,795,539.38	A
Glyphosate, potassium salt	1.55	1	15,100.00	C
Glyphosate, potassium salt	349,093.11	N/A	N/A	N/A
Glyphosate, potassium salt	1,107.43	229	4,299,417.20	S
Glyphosate, potassium salt	7,809.47	30	22,096.22	U
Gs-omega/kappa-hxtx-hv1a, versitude peptide	6,080.60	3,169	145,203.26	A
Gs-omega/kappa-hxtx-hv1a, versitude peptide	21.55	215	773,700.00	S
Halosulfuron-methyl	10,283.97	3,430	219,042.19	A
Halosulfuron-methyl	491.45	N/A	N/A	N/A
Halosulfuron-methyl	0.27	7	156,500.00	S
Halosulfuron-methyl	0.38	1	0.01	U
Harpin protein	15.11	630	12,639.30	A
Heptamethyltrisiloxane ethoxylated	75,498.31	15,330	809,761.24	A
Heptamethyltrisiloxane ethoxylated	23.05	N/A	N/A	N/A
Heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	112,376.54	25,379	812,047.68	A
Heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	1,276.04	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	243.64	257	10,369,339.00	S
Heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	0.55	N/A	6.01	U
Heptyl butyrate	16.95	N/A	N/A	N/A
Hexaflumuron	0.05	N/A	N/A	N/A
Hexahydro-1,3,5-tris (2-hydroxyethyl)-s-triazine	0.12	N/A	N/A	N/A
Hexanoic acid	0.04	N/A	N/A	N/A
Hexazinone	56,827.29	966	51,730.54	A
Hexazinone	6.08	N/A	N/A	N/A
Hexylene glycol	2,199.57	N/A	N/A	N/A
Hexythiazox	64,226.90	8,370	371,342.28	A
Hexythiazox	2.84	N/A	N/A	N/A
Hexythiazox	9.26	110	2,637,690.52	S
Hexythiazox	11.66	26	395,400.00	U
Hydramethylnon	39.57	186	6,367.71	A
Hydramethylnon	139.41	N/A	N/A	N/A
Hydramethylnon	0.06	4	8,752.00	S
Hydrogen chloride	276.96	N/A	N/A	N/A
Hydrogen cyanamide	519,585.43	1,102	35,651.19	A
Hydrogen peroxide	518,271.89	14,559	331,815.23	A
Hydrogen peroxide	0.31	7	19,722.00	C
Hydrogen peroxide	13,984.75	N/A	N/A	N/A
Hydrogen peroxide	7,255.10	2,652	22,648,188.74	S
Hydrogen peroxide	30,249.53	N/A	2,335,462.51	T
Hydrogen peroxide	83,573.12	43	1,348,512.36	U
Hydroprene	< 0.01	1	0.75	A
Hydroprene	8,448.23	N/A	N/A	N/A
Hypocrea (teleomorph)	202.97	734	13,388.10	A
Hypocrea (teleomorph)	1.62	N/A	N/A	N/A
Hypocrea (teleomorph)	< 0.01	1	10,000.00	S
Hypocrea (teleomorph)	< 0.01	1	8,000.00	U
Hypocrea atroviridis	202.97	734	13,388.10	A
Hypocrea atroviridis	1.62	N/A	N/A	N/A
Hypocrea atroviridis	< 0.01	1	10,000.00	S
Hypocrea atroviridis	< 0.01	1	8,000.00	U

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Iba	13.68	294	2,436.35	A
Iba	42.50	600	4,323,265.50	S
Iba	0.35	155	318,845.01	U
Imazalil	595.13	N/A	N/A	N/A
Imazalil	9.05	N/A	1,451,428.00	P
Imazalil	34,437.28	N/A	5,246,892.67	T
Imazalil sulfate	2,747.40	N/A	N/A	N/A
Imazalil sulfate	23,111.34	N/A	1,586,119.67	T
Imazamox, ammonium salt	7,033.22	1,701	99,909.61	A
Imazamox, ammonium salt	2,660.08	N/A	N/A	N/A
Imazamox, ammonium salt	0.72	2	80,463.00	S
Imazamox, ammonium salt	22.08	N/A	29.02	U
Imazapic, ammonium salt	0.15	1	2.00	A
Imazapic, ammonium salt	2.10	N/A	N/A	N/A
Imazapyr	0.04	N/A	N/A	N/A
Imazapyr, isopropylamine salt	41,565.17	2,607	84,752.83	A
Imazapyr, isopropylamine salt	12,699.06	N/A	N/A	N/A
Imazapyr, isopropylamine salt	10.44	4	209,008.00	S
Imazapyr, isopropylamine salt	18.60	N/A	4.00	U
Imazethapyr, ammonium salt	5,663.22	1,136	69,271.13	A
Imazethapyr, ammonium salt	16.46	N/A	N/A	N/A
Imazosulfuron	719.82	88	5,407.23	A
Imazosulfuron	388.45	N/A	N/A	N/A
Imazosulfuron	0.21	2	14,356.00	S
Imazosulfuron	3.38	1	20.01	U
Imidacloprid	201,934.90	40,240	798,311.88	A
Imidacloprid	0.05	4	6,389.00	C
Imidacloprid	0.04	2	10,000.00	K
Imidacloprid	37,593.53	N/A	N/A	N/A
Imidacloprid	7.81	N/A	816.35	P
Imidacloprid	204.87	1,022	41,334,098.90	S
Imidacloprid	16,560.73	N/A	6,012.81	T
Imidacloprid	468.06	87	5,066,066.52	U
Indaziflam	31,553.32	25,946	645,856.69	A
Indaziflam	0.04	2	30,000.00	K
Indaziflam	12,191.09	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Indaziflam	0.39	8	1,760.00	P
Indaziflam	1.20	112	1,125,992.50	S
Indole	0.07	N/A	N/A	N/A
Indole	< 0.01	N/A	257,864.00	S
Indole	0.26	N/A	99.00	U
Indoxacarb	42,020.19	13,131	431,480.98	A
Indoxacarb	5,519.79	N/A	N/A	N/A
Indoxacarb	0.49	N/A	340,000.00	S
Iodine	3.20	N/A	N/A	N/A
Iodosulfuron-methyl-sodium	0.19	1	57.90	A
Iodosulfuron-methyl-sodium	2.45	N/A	N/A	N/A
Ipflufenoquin	5.39	2	83.00	A
Iprodione	33,371.24	3,927	58,893.72	A
Iprodione	6,460.35	N/A	N/A	N/A
Iprodione	694.82	N/A	140,079.38	P
Iprodione	662.16	952	33,175,607.30	S
Iprodione	9,697.75	48	8,002,960.00	U
Iron hedta	15,916.85	1,076	59,088.86	A
Iron hedta	79.69	N/A	N/A	N/A
Iron phosphate	3,088.65	1,040	14,388.35	A
Iron phosphate	407.71	N/A	N/A	N/A
Iron phosphate	0.01	1	1.00	P
Iron phosphate	12.81	274	1,247,542.00	S
Iron phosphate	< 0.01	2	8.00	U
Isaria fumosorosea apopka strain: 97	5,714.52	643	5,100.33	A
Isaria fumosorosea apopka strain: 97	0.07	N/A	N/A	N/A
Isaria fumosorosea apopka strain: 97	42.46	186	733,199.00	S
Isaria fumosorosea strain: fe 9901	584.59	452	1,791.53	A
Isaria fumosorosea strain: fe 9901	2.11	N/A	N/A	N/A
Isaria fumosorosea strain: fe 9901	396.77	346	1,233,066.20	S
Isaria fumosorosea strain: fe 9901	0.26	11	18,926.00	U
Isodecanol, ethoxylated, phosphate ester	29,695.14	2,085	83,471.27	A
Isodecanol, ethoxylated, phosphate ester	3.37	N/A	N/A	N/A
Isodecanol, ethoxylated, phosphate ester	30.87	N/A	115,132.75	T
Isodecyl alcohol	45.70	8	787.89	A
Isodecyl alcohol	0.03	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Isofetamid	10,066.39	1,291	38,830.11	A
Isofetamid	7.88	N/A	N/A	N/A
Isofetamid	94.25	240	3,720,917.00	S
Isooctyl phthalate	272.62	215	5,087.39	A
Isopropyl alcohol	25,078.11	22,250	766,618.02	A
Isopropyl alcohol	2,842.75	N/A	N/A	N/A
Isopropyl alcohol	0.06	1	6.00	P
Isopropyl alcohol	15.03	437	44,666,460.73	S
Isopropyl alcohol	0.03	2	1,077.00	U
Isopropylamine dodecylbenzene sulfonate	2,051.04	4,401	178,857.55	A
Isopropylamine dodecylbenzene sulfonate	258.87	N/A	N/A	N/A
Isopropylamine dodecylbenzene sulfonate	0.13	1	651.00	U
Isoxaben	4,913.52	2,047	9,124.36	A
Isoxaben	0.26	1	15.00	K
Isoxaben	18,885.10	N/A	N/A	N/A
Isoxaben	< 0.01	1	2,178.00	P
Isoxaben	60.96	249	4,388,226.85	S
Isoxaben	0.01	2	405.00	U
Kaolin	3,708,800.98	3,630	96,545.71	A
Kaolin	1,190.73	N/A	N/A	N/A
Kaolin	12.59	3	3,150.00	S
Kaolin	366.94	13	1,102.00	U
Kasugamycin hydrochloride	2,548.44	911	26,061.56	A
Kresoxim-methyl	10,714.49	1,794	78,118.83	A
Lactic acid	0.68	2	25.83	A
Lactic acid	86.66	N/A	N/A	N/A
Lactic acid	0.24	2	40,000.00	S
Lactose	7,069.19	3,404	68,599.44	A
Lambda-cyhalothrin	97,246.34	72,321	2,771,656.39	A
Lambda-cyhalothrin	59,168.88	N/A	N/A	N/A
Lambda-cyhalothrin	16.62	60	1,002,576.90	S
Lambda-cyhalothrin	158.75	N/A	24,506.03	U
Laminarin	278.21	233	7,002.77	A
Lauryl alcohol	295.33	183	4,533.79	A
Lauryl alcohol	< 0.01	2	6.00	U
Lavandulyl senecioate	8,835.12	4,886	138,581.60	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Lecithin	689,907.54	93,104	3,272,938.90	A
Lecithin	48,634.09	N/A	N/A	N/A
Lecithin	220.44	454	33,554,345.30	S
Lecithin	116.55	27	550,203.06	U
Lime-sulfur	1,334,603.38	3,464	137,213.00	A
Lime-sulfur	23.17	N/A	N/A	N/A
Lime-sulfur	8.91	11	52,212.00	S
Lime-sulfur	2.86	6	51.00	U
Limonene	25,711.06	1,563	55,986.51	A
Limonene	26,770.01	N/A	N/A	N/A
Limonene	49.89	N/A	94.00	U
Linalool	0.22	N/A	N/A	N/A
Linuron	44,446.86	3,495	65,956.59	A
Lithium hypochlorite	0.11	N/A	N/A	N/A
Low molecular weight paraffinic oil	33,877.67	8,143	283,402.48	A
Low molecular weight paraffinic oil	192.98	N/A	N/A	N/A
Magnesium chloride	1.50	N/A	N/A	N/A
Magnesium phosphide	7.38	1	3.00	A
Magnesium phosphide	3,253.37	6	14,952,942.54	C
Magnesium phosphide	34,161.02	N/A	1,213,809.85	K
Magnesium phosphide	3,375.66	N/A	N/A	N/A
Magnesium phosphide	21.63	N/A	5,704,190.00	P
Magnesium phosphide	1,886.92	N/A	109,236.00	T
Magnesium phosphide	35.84	N/A	12.00	U
Malathion	309,824.76	8,038	181,385.72	A
Malathion	3.00	1	20.00	C
Malathion	8,382.50	N/A	N/A	N/A
Malathion	113.97	64	1,706,917.00	S
Malathion	24.53	20	92,500.00	U
Maleic hydrazide, potassium salt	12,880.93	140	4,483.91	A
Mancozeb	944,150.59	25,077	482,627.70	A
Mancozeb	15,695.55	N/A	N/A	N/A
Mancozeb	694.91	28	2,071,771.00	S
Mancozeb	36.00	6	142,470.00	U
Mandestrobin	188.11	25	1,021.26	A
Mandipropamid	31,776.07	21,219	252,068.15	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Mandipropamid	0.03	N/A	N/A	N/A
Mandipropamid	18.11	144	7,455,940.00	S
Mandipropamid	0.54	7	18,250.00	U
Maneb	4.86	14	29.01	A
Manganese sulfate	10.10	3	288.00	A
Margosa oil	112,933.27	5,316	77,684.98	A
Margosa oil	7.23	1	2,500.00	K
Margosa oil	439.62	N/A	N/A	N/A
Margosa oil	815.58	331	1,190,086.00	S
Mcpa, 2-ethyl hexyl ester	578.62	18	1,217.00	A
Mcpa, 2-ethyl hexyl ester	30.01	N/A	N/A	N/A
Mcpa, dimethylamine salt	75,407.71	2,342	127,009.39	A
Mcpa, dimethylamine salt	3,047.04	N/A	N/A	N/A
Mcpa, isooctyl ester	1,076.52	N/A	N/A	N/A
Mcpp potassium salt	2.94	13	18.00	A
Mcpp potassium salt	6.01	N/A	N/A	N/A
Mcpp potassium salt	4.63	18	224,200.00	S
Mcpp, dimethylamine salt	3.73	N/A	N/A	N/A
Mcpp-p, dma salt	56.46	7	253.70	A
Mcpp-p, dma salt	894.62	N/A	N/A	N/A
Mcpp-p, dma salt	1.55	45	197,618.00	S
Mecoprop-p	75.18	61	988.37	A
Mecoprop-p	955.78	N/A	N/A	N/A
Mecoprop-p	7.39	1	1,190,750.00	S
Mecoprop-p	< 0.01	2	0.02	U
Mecoprop-p-potassium	10.27	N/A	30.00	A
Mecoprop-p-potassium	327.35	N/A	N/A	N/A
Mefenoxam	72,534.17	13,201	288,531.72	A
Mefenoxam	1,041.07	N/A	N/A	N/A
Mefenoxam	617.03	N/A	3,244,455.43	P
Mefenoxam	514.86	1,480	33,901,842.25	S
Mefenoxam	464.14	N/A	2,358.75	T
Mefenoxam	33.32	207	4,362,826.00	U
Mefenoxam, other related	1.14	3	56.44	A
Mefenoxam, other related	0.07	N/A	N/A	N/A
Mefenoxam, other related	< 0.01	4	9,850.00	S

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Mefentrifluconazole	52,915.95	7,896	411,285.60	A
Mefentrifluconazole	1,233.33	N/A	N/A	N/A
Mefentrifluconazole	41.19	29	2,358,165.00	S
Mefluidide, diethanolamine salt	5.59	N/A	N/A	N/A
Mepiquat chloride	6,941.29	3,036	162,826.73	A
Mepiquat chloride	0.14	N/A	N/A	N/A
Mesosulfuron-methyl	302.92	285	23,368.05	A
Mesotrione	12,671.98	2,086	88,792.70	A
Mesotrione	2,586.48	N/A	N/A	N/A
Meta-cresol	0.20	2	23.05	A
Metaflumizone	308.51	5,149	331,920.10	A
Metaflumizone	1.78	N/A	N/A	N/A
Metaflumizone	< 0.01	N/A	0.01	U
Metalaxyl	1,493.62	28	1,364.21	A
Metalaxyl	46.25	N/A	N/A	N/A
Metalaxyl	42.09	N/A	4,988,644.92	P
Metalaxyl	0.79	17	159,600.00	S
Metalaxyl	1,783.55	N/A	4,844.33	T
Metalaxyl	0.13	1	3,500.00	U
Metaldehyde	47,179.44	4,723	95,932.28	A
Metaldehyde	521.19	N/A	N/A	N/A
Metaldehyde	465.35	816	11,954,967.22	S
Metaldehyde	18.55	9	401,691.02	U
Metam-sodium	2,728,610.04	386	13,784.72	A
Metam-sodium	3,283.83	N/A	77,989.22	C
Metam-sodium	100,963.25	N/A	N/A	N/A
Metam-sodium	851.25	N/A	54,370.00	U
Metarhizium robertsii strain: f52	387.89	148	1,484.27	A
Metarhizium robertsii strain: f52	0.06	2	6,400.00	S
Metconazole	33,897.75	5,067	313,035.02	A
Metconazole	459.15	N/A	N/A	N/A
Metconazole	5.16	N/A	450,000.00	S
Methidathion	0.72	1	2.90	A
Methiocarb	64.71	66	110.78	A
Methiocarb	< 0.01	N/A	N/A	N/A
Methiocarb	8.57	11	78,150.00	S

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Methiozolin	30.57	6	60.83	A
Methiozolin	187.34	N/A	N/A	N/A
Methiozolin	3.45	2	195,804.00	S
Methomyl	203,335.61	18,147	327,248.71	A
Methomyl	3.19	N/A	N/A	N/A
Methomyl	1.65	2	512,376.00	S
Methomyl	8.71	N/A	29.00	U
Methoprene	0.31	3	1.50	A
Methoprene	2.44	N/A	N/A	N/A
Methoxyfenozide	623,776.84	39,824	2,052,369.87	A
Methoxyfenozide	17.47	N/A	N/A	N/A
Methoxyfenozide	20.65	58	9,078,748.00	S
Methoxyfenozide	1.94	4	477,100.00	U
Methyl anthranilate	1,033.41	208	3,327.36	A
Methyl anthranilate	102.71	N/A	N/A	N/A
Methyl bromide	1,371,160.82	311	6,038.54	A
Methyl bromide	34,730.24	80	18,204,779.00	C
Methyl bromide	1,824.52	N/A	1,922.00	K
Methyl bromide	180,491.22	N/A	N/A	N/A
Methyl bromide	10,554.04	1	7,502,610.00	P
Methyl bromide	1,154.70	2	300,185.00	S
Methyl bromide	3,214.60	N/A	7,180.22	T
Methyl bromide	864.00	N/A	63,000.00	U
Methyl eugenol	3,074.69	N/A	N/A	N/A
Methyl mercaptan	6.19	7	372.00	A
Methyl parathion	0.41	N/A	N/A	N/A
Methyl parathion	0.19	N/A	8,000.00	S
Methyl parathion, other related	< 0.01	N/A	N/A	N/A
Methyl silicone resins	132,831.21	22,634	608,407.07	A
Methyl silicone resins	161.21	N/A	N/A	N/A
Methyl silicone resins	< 0.01	13	320,000.00	S
Methyl-2,7-dichloro-9-hydroxyfluorene-9-carboxylate	10.08	N/A	N/A	N/A
Methylated fatty acids from canola oil	171,629.02	3,148	116,327.55	A
Methylated fatty acids from canola oil	2,015.47	N/A	N/A	N/A
Methylated silicones	98,673.68	39,963	810,606.86	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Methylated silicones	145.05	N/A	N/A	N/A
Methylated silicones	21.24	332	928,067.00	S
Methylated soybean oil	2,617,331.26	140,980	4,868,663.53	A
Methylated soybean oil	99,878.03	N/A	N/A	N/A
Methylated soybean oil	11.01	53	507,335.00	S
Methylated soybean oil	87.96	5	18.07	U
Methylene bis(thiocyanate)	0.62	N/A	4,172.50	P
Metiram	19.50	N/A	N/A	N/A
Metofluthrin	6.06	N/A	N/A	N/A
Metolachlor	18,031.00	237	11,694.38	A
Metolachlor	7.73	N/A	N/A	N/A
Metrafenone	44,566.84	4,864	159,663.51	A
Metrafenone	0.39	N/A	N/A	N/A
Metribuzin	32,636.06	1,462	70,711.95	A
Metribuzin	39.80	N/A	N/A	N/A
Milbemectin	0.05	3	10.00	A
Mineral oil	29,859,586.36	132,565	4,504,335.18	A
Mineral oil	22.55	9	5,394.00	C
Mineral oil	495,301.82	N/A	N/A	N/A
Mineral oil	131,649.47	3,283	66,522,394.02	S
Mineral oil	6,162.59	121	2,558,115.07	U
Modified phthalic glycerol alkyd resin	79,775.94	14,191	433,862.03	A
Modified phthalic glycerol alkyd resin	0.24	N/A	3,687.00	U
Morpholine	118.98	216	5,126.39	A
Msma	1,863.63	34	1,237.27	A
Msma	< 0.01	N/A	4.00	K
Msma	3,055.63	N/A	N/A	N/A
Msma	2.39	N/A	1,900.00	S
Msma	6.08	1	0.01	U
Muscalure	6.46	N/A	N/A	N/A
Muscalure	0.45	N/A	1,988,608.00	S
Muscalure	4.32	2	309.06	U
Myclobutanil	28,921.48	12,831	248,986.26	A
Myclobutanil	584.22	N/A	N/A	N/A
Myclobutanil	13.78	252	5,039,569.50	S
Myclobutanil	8.67	N/A	4,801.07	T

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Myclobutanil	1.91	9	32,358.63	U
Myristyl alcohol	59.97	183	4,533.79	A
Myristyl alcohol	< 0.01	2	6.00	U
N,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	158,514.17	70,951	2,564,954.31	A
N,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	1,085.52	N/A	N/A	N/A
N,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	20.10	357	40,989,053.00	S
N,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	1.87	3	4.03	U
N-(2-hydroxyethyl)ethylenediaminetriacetic acid, trisodium salt	< 0.01	N/A	N/A	N/A
N-octyl bicycloheptene dicarboximide	0.30	3	8.76	A
N-octyl bicycloheptene dicarboximide	0.78	N/A	999,000.00	C
N-octyl bicycloheptene dicarboximide	3,193.39	N/A	N/A	N/A
N-octyl bicycloheptene dicarboximide	< 0.01	1	1,900.00	S
N-octyl bicycloheptene dicarboximide	26.46	N/A	0.06	U
N6-benzyl adenine	185.24	1,559	5,388.19	A
N6-benzyl adenine	0.03	N/A	N/A	N/A
N6-benzyl adenine	19.79	467	6,035,051.66	S
N6-benzyl adenine	0.24	2	34,485.00	U
Naa	0.39	25	17.72	A
Naa	1.67	271	145,800.00	S
Naa	0.17	84	130,602.01	U
Naa, ethyl ester	8,133.18	49	5,749.46	A
Naa, ethyl ester	< 0.01	N/A	N/A	N/A
Naled	192,449.24	3,087	168,828.19	A
Naled	31,989.82	N/A	N/A	N/A
Naled	0.11	1	13,200.00	S
Naphtha, heavy aromatic	85,297.29	3,406	188,224.98	A
Naphtha, heavy aromatic	578.09	N/A	N/A	N/A
Napropamide	14,663.74	916	13,565.04	A
Napropamide	7.06	N/A	N/A	N/A
Natamycin	32.01	18	461.95	A
Natamycin	0.72	N/A	N/A	N/A
Natamycin	0.48	56	460,689.00	S

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Natamycin	195.06	N/A	83,014.00	T
Nerolidol	3.89	21	265.82	A
Nicarbazin	6.15	N/A	N/A	N/A
Nicosulfuron	432.59	352	17,844.94	A
Nitrapyrin	0.17	1	180,000.00	S
Nitrogen, liquified	1,939.90	1	6.00	A
Nonanoic acid	1,269.93	137	2,115.27	A
Nonanoic acid	7,685.61	N/A	N/A	N/A
Nonanoic acid	164.63	30	1,601,194.00	S
Nonanoic acid	8.52	1	6,500.00	U
Nonanoic acid, other related	37.30	67	167.51	A
Nonanoic acid, other related	403.53	N/A	N/A	N/A
Nonanoic acid, other related	8.66	30	1,601,194.00	S
Nonanoic acid, other related	0.45	1	6,500.00	U
Norflurazon	809.63	61	664.25	A
Norflurazon	0.66	N/A	N/A	N/A
Nosema locustae spores	< 0.01	N/A	N/A	N/A
Novaluron	20,024.74	6,950	266,362.82	A
Novaluron	1,785.95	N/A	N/A	N/A
Novaluron	11.00	15	447,080.00	S
Novaluron	175.93	N/A	42.00	U
Noviflumuron	102.03	N/A	N/A	N/A
Noviflumuron	0.07	1	13,500.00	S
Octhilinone	156,772.31	N/A	8,102.82	K
Octyl decyl dimethyl ammonium chloride	17.32	10	146.28	A
Octyl decyl dimethyl ammonium chloride	27.79	N/A	N/A	N/A
Octyl decyl dimethyl ammonium chloride	< 0.01	N/A	30.00	T
Oil of black pepper	0.16	N/A	N/A	N/A
Oil of citronella	4.00	N/A	N/A	N/A
Oleic acid	47,067.58	17,390	551,403.10	A
Oleic acid	28.07	N/A	N/A	N/A
Oleic acid, ethyl ester	232,268.94	27,593	504,579.00	A
Oleic acid, ethyl ester	11,588.40	N/A	N/A	N/A
Oleic acid, ethyl ester	4.01	6	49,388.00	S
Oleic acid, ethyl ester	947.74	N/A	3.00	U
Oleic acid, methyl ester	629,088.74	17,001	826,456.15	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Oleic acid, methyl ester	28,346.07	N/A	N/A	N/A
Oleic acid, methyl ester	2.45	N/A	95,530.00	S
Oleic acid, methyl ester	41.68	1	0.03	U
Ortho-benzyl-para-chlorophenol	0.06	N/A	N/A	N/A
Ortho-phenylphenol	0.02	1	58.00	A
Ortho-phenylphenol	0.11	N/A	N/A	N/A
Ortho-phenylphenol	< 0.01	N/A	300,000.00	S
Ortho-phenylphenol	0.04	N/A	44.00	U
Orthosulfamuron	16,786.86	2,147	71,448.55	A
Orthosulfamuron	2.41	N/A	N/A	N/A
Oryzalin	1,981.41	103	1,158.08	A
Oryzalin	644.31	N/A	N/A	N/A
Oryzalin	0.42	3	12,140.00	S
Oxadiazon	543.95	229	437.62	A
Oxadiazon	3,074.07	N/A	N/A	N/A
Oxadiazon	6.77	28	157,253.00	S
Oxalic acid	14.05	4	32.00	A
Oxalic acid	0.04	N/A	N/A	N/A
Oxamyl	90,673.46	1,715	98,568.36	A
Oxathiapiprolin	6,941.83	8,177	154,458.97	A
Oxathiapiprolin	1.26	N/A	N/A	N/A
Oxathiapiprolin	13.36	N/A	43,146.00	P
Oxathiapiprolin	6.34	175	8,220,225.00	S
Oxathiapiprolin	1.05	4	476,950.00	U
Oxyfluorfen	692,089.97	60,565	1,933,468.87	A
Oxyfluorfen	58,772.96	N/A	N/A	N/A
Oxyfluorfen	0.16	N/A	300.00	P
Oxyfluorfen	5.19	50	270,673.40	S
Oxyfluorfen	414.14	34	75,130.09	U
Oxytetracycline hydrochloride	4,726.70	667	26,105.88	A
Oxytetracycline hydrochloride	131.06	N/A	N/A	N/A
Oxytetracycline hydrochloride, other related	43.60	667	26,105.88	A
Oxytetracycline hydrochloride, other related	0.02	N/A	N/A	N/A
Oxythioquinox	0.08	1	0.63	A
P-menth-1-ene, dimer	2,107.55	541	8,395.91	A
P-menth-1-ene, dimer	208.15	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Paclobutrazol	329.72	4,591	66,273.47	A
Paclobutrazol	3,689.13	N/A	N/A	N/A
Paclobutrazol	23.53	2,070	50,863,332.05	S
Paclobutrazol	8.17	4	17,314.00	U
Para-tert-amylphenol	< 0.01	1	56.00	A
Para-tert-amylphenol	0.04	N/A	N/A	N/A
Paraquat dichloride	339,035.69	3,740	319,546.75	A
Paraquat dichloride	3,191.58	N/A	N/A	N/A
Parathion	280.19	N/A	N/A	N/A
Parathion, other related	13.40	N/A	N/A	N/A
Pcnb	4,482.03	28	193.34	A
Pcnb	1,232.27	N/A	N/A	N/A
Pcnb	173.73	8	583,125.00	S
Pcp, other related	0.01	N/A	N/A	N/A
Pendimethalin	2,168,286.58	27,872	1,074,326.01	A
Pendimethalin	29,841.95	N/A	N/A	N/A
Pendimethalin	16.50	7	1,650.00	P
Pendimethalin	107.94	109	1,774,912.30	S
Pendimethalin	90.31	30	77,951.03	U
Penflufen	183.89	34	2,172.50	A
Penflufen	2.33	N/A	6,363.82	P
Penoxsulam	3,180.52	2,341	106,640.89	A
Penoxsulam	1,510.87	N/A	N/A	N/A
Penoxsulam	0.18	N/A	873,000.00	S
Penoxsulam	0.45	N/A	0.01	U
Pentachlorophenol	0.13	N/A	N/A	N/A
Penthiopyrad	88,136.27	11,501	358,927.52	A
Penthiopyrad	1,539.75	N/A	N/A	N/A
Penthiopyrad	79.17	118	10,968,744.34	S
Permethrin	105,138.34	37,322	530,713.35	A
Permethrin	109,317.02	N/A	N/A	N/A
Permethrin	830.77	665	51,120,169.45	S
Permethrin	1,538.69	7	142,720.00	U
Permethrin, other related	< 0.01	N/A	N/A	N/A
Peroxyacetic acid	131,778.37	13,978	326,845.60	A
Peroxyacetic acid	0.02	7	19,722.00	C

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Peroxyacetic acid	4,867.91	N/A	N/A	N/A
Peroxyacetic acid	512.82	2,048	11,968,659.61	S
Peroxyacetic acid	25,475.89	N/A	2,335,462.51	T
Peroxyacetic acid	53,866.10	43	963,745.36	U
Petroleum distillates	75.83	11	140.46	A
Petroleum distillates	430.71	N/A	N/A	N/A
Petroleum distillates	0.10	1	2,500.00	S
Petroleum distillates, aromatic	1.16	1	10.00	A
Petroleum distillates, aromatic	1.07	N/A	N/A	N/A
Petroleum distillates, aromatic	0.16	N/A	8,000.00	S
Petroleum oil, sulfurized	37,382.32	164	2,473.59	A
Petroleum oil, sulfurized	77.87	N/A	N/A	N/A
Phenmedipham	239.97	48	500.59	A
Phenothrin	< 0.01	N/A	25.00	C
Phenothrin	649.21	N/A	N/A	N/A
Phenothrin, other related	0.16	N/A	N/A	N/A
Phenylethyl propionate	13.09	N/A	N/A	N/A
Phenylmercuric acetate	0.17	3	21,040.00	S
Phorate	9,891.15	135	8,909.70	A
Phorate	< 0.01	N/A	N/A	N/A
Phosmet	15,945.33	242	8,316.36	A
Phosmet	0.53	N/A	N/A	N/A
Phosmet	19.36	7	65,500.00	S
Phosmet	0.15	N/A	11.00	U
Phosphine	794.13	N/A	86,575.30	A
Phosphine	9,146.92	25	45,740,252.83	C
Phosphine	77.59	N/A	16,269.77	K
Phosphine	76,168.73	N/A	N/A	N/A
Phosphine	91.24	N/A	6,408,573.00	P
Phosphine	7.26	N/A	268,840.00	S
Phosphine	3,032.99	N/A	437,959.26	T
Phosphine	107.43	N/A	1,966,112.00	U
Phosphoric acid	108,308.73	59,943	1,693,718.65	A
Phosphoric acid	19,398.72	N/A	N/A	N/A
Phosphoric acid	0.06	1	6.00	P
Phosphoric acid	10.19	439	44,671,460.73	S

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Phosphoric acid	0.43	5	1,077.03	U
Phosphoric acid, monopotassium salt	44.00	1	75.00	A
Phosphorus	0.25	N/A	N/A	N/A
Picoxystrobin	113.54	18	615.15	A
Pine oil	25.70	N/A	N/A	N/A
Pinoxaden	2,982.13	916	57,783.56	A
Piperalin	266.91	234	914.46	A
Piperalin	3.88	21	383,500.00	S
Piperine	0.06	N/A	N/A	N/A
Piperonyl butoxide	22,267.44	3,606	51,419.36	A
Piperonyl butoxide	7,562.97	N/A	1,919,000.00	C
Piperonyl butoxide	72,953.74	N/A	N/A	N/A
Piperonyl butoxide	59.71	157	4,252,130.00	S
Piperonyl butoxide	779.90	2	97,912.12	U
Piperonyl butoxide, other related	28.01	48	182.46	A
Piperonyl butoxide, other related	1,952.02	N/A	N/A	N/A
Piperonyl butoxide, other related	3.39	64	3,529,900.00	S
Piperonyl butoxide, other related	3.93	2	21,350.06	U
Poe isooctadecanol	0.82	1	1.00	A
Poe isooctadecanol	246.45	N/A	N/A	N/A
Poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	582.37	2,196	27,639.59	A
Poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	0.49	N/A	N/A	N/A
Poly(oxyethylene) (dimethylimino) ethylene (dimethylimino) ethylene dichloride	14.41	4	310.00	A
Poly(oxyethylene) (dimethylimino) ethylene (dimethylimino) ethylene dichloride	203.34	N/A	N/A	N/A
Poly(oxyethylene) (dimethylimino) ethylene (dimethylimino) ethylene dichloride	1,435.60	62	735.00	U
Poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	30,699.79	13,402	379,596.98	A
Poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	1.61	N/A	N/A	N/A
Poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	46.41	257	10,369,339.00	S
Polyacrylamide	10,687.02	24,330	1,414,064.32	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Polyacrylamide	672.07	N/A	N/A	N/A
Polyacrylamide, polyethylene glycol mixture	651.42	963	71,622.23	A
Polyacrylamide, polyethylene glycol mixture	61.19	N/A	N/A	N/A
Polyalkeneoxide modified heptamethyltrisiloxane	96,255.75	40,588	1,386,894.53	A
Polyalkeneoxide modified heptamethyltrisiloxane	2,110.70	N/A	N/A	N/A
Polyalkeneoxide modified heptamethyltrisiloxane	48.41	309	6,117,463.00	S
Polybutene	55,603.51	25,857	764,887.25	A
Polybutene	1,212.29	N/A	N/A	N/A
Polyethylene glycol	105,252.84	19,312	818,302.28	A
Polyethylene glycol	4,205.74	N/A	N/A	N/A
Polyethylene glycol diacetate	42.30	397	14,407.36	A
Polyethylene glycol diacetate	0.05	N/A	N/A	N/A
Polyethylene glycol ditallate	0.18	2	29.00	A
Polyethylene glycol ditallate	6.40	N/A	N/A	N/A
Polyethylene glycol mono-c10-16-alkyl ether sulfate sodium salt	23,692.95	7,941	411,581.44	A
Polyethylene glycol mono-c10-16-alkyl ether sulfate sodium salt	44.15	N/A	N/A	N/A
Polyethylene glycol stearate	54,825.88	27,531	502,042.12	A
Polyethylene glycol stearate	1,937.61	N/A	N/A	N/A
Polyethylene glycol stearate	0.77	1	27,500.00	S
Polyethylene glycol stearate	236.93	N/A	3.00	U
Polyhedral occlusion bodies (obs') of helicoverpa zea (corn earworm) nucleopolyhedrovirus strain: aba-npv-u	59.72	529	15,872.17	A
Polymeric terpenes	36.92	7	114.00	A
Polymeric terpenes	1.20	N/A	N/A	N/A
Polymerized acrylic acid	3,914.40	9,491	348,360.05	A
Polymerized acrylic acid	265.00	N/A	N/A	N/A
Polymerized acrylic acid	< 0.01	1	4,000.00	S
Polymerized pinene	41,811.76	3,134	60,406.19	A
Polymerized pinene	8,919.02	N/A	N/A	N/A
Polyoxin d, zinc salt	10,252.96	9,168	288,343.88	A
Polyoxin d, zinc salt	179.63	N/A	N/A	N/A
Polyoxin d, zinc salt	6.06	202	2,078,473.00	S
Polyoxyethylene dioleate	2,295.49	201	13,597.96	A
Polyoxyethylene dioleate	671.84	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Polyoxyethylene dioleate	0.16	5	21,888.00	S
Polyoxyethylene octylphenyl ether phosphate	6.31	3	189.50	A
Polyoxyethylene polyol fatty acid esters	5,425.14	1,993	38,148.01	A
Polyoxyethylene polyol fatty acid esters	3,103.83	N/A	N/A	N/A
Polyoxyethylene polyol fatty acid esters	432.78	520	25,735,954.00	S
Polyoxyethylene polyol fatty acid esters	19.64	23	459,105.00	U
Polyoxyethylene polyoxypropylene	144,388.05	21,710	650,081.96	A
Polyoxyethylene polyoxypropylene	170.53	N/A	N/A	N/A
Polyoxyethylene polyoxypropylene	15.56	185	2,176,698.00	S
Polyoxyethylene polyoxypropylene	27.24	16	2,359,500.00	U
Polyoxyethylene sorbitan mixed fatty acid esters	2,935.00	249	11,644.32	A
Polyoxyethylene sorbitan mixed fatty acid esters	1,631.96	N/A	N/A	N/A
Polyoxyethylene sorbitan monolaurate	15,624.44	1,759	63,479.88	A
Polyoxyethylene sorbitan monolaurate	5,407.17	N/A	N/A	N/A
Polyoxyethylene sorbitan monooleate	15,482.76	6,769	272,289.19	A
Polyoxyethylene sorbitan monooleate	1,227.15	N/A	N/A	N/A
Polyoxyethylene sorbitan monooleate	0.05	5	21,888.00	S
Polyoxyethylene sorbitan monooleate	0.52	1	651.00	U
Polyoxyethylene sorbitan trioleate	20,606.77	4,655	159,320.27	A
Polyoxyethylene sorbitan trioleate	6,821.58	N/A	N/A	N/A
Polyoxyethylene sorbitan trioleate	3.41	1	651.00	U
Polyoxyethylene sorbitol, mixed ether ester	28,638.19	1,148	34,358.15	A
Polyoxyethylene sorbitol, mixed ether ester	1,602.62	N/A	N/A	N/A
Polyoxyethylene tall oil fatty acid ester	29.87	7	1,031.00	A
Polyoxyethylene tall oil fatty acid ester	51.10	N/A	N/A	N/A
Polypropylene glycol	61.83	1,134	20,908.63	A
Polypropylene glycol	3.83	N/A	N/A	N/A
Polysaccharide polymer	19.65	269	20,274.94	A
Polysaccharide polymer	5.08	N/A	N/A	N/A
Polysiloxane	625.35	378	13,763.86	A
Polysiloxane	8.87	N/A	N/A	N/A
Potassium bicarbonate	318,624.12	6,946	152,016.50	A
Potassium bicarbonate	205.68	N/A	N/A	N/A
Potassium bicarbonate	1,425.04	1,004	18,441,352.75	S
Potassium bicarbonate	0.05	1	792.00	U
Potassium carbonate	2,656.43	1,354	42,340.50	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Potassium carbonate	233.35	N/A	N/A	N/A
Potassium dimethyldithiocarbamate	19,829.56	N/A	2.00	U
Potassium hydroxide	5,752.09	15,194	356,291.98	A
Potassium hydroxide	101.81	N/A	N/A	N/A
Potassium hydroxide	0.16	13	320,000.00	S
Potassium hydroxide	0.77	3	0.03	U
Potassium laurate	80,324.50	2,996	18,160.10	A
Potassium laurate	2,596.82	N/A	N/A	N/A
Potassium laurate	35,639.60	2,229	20,528,540.00	S
Potassium laurate	50.46	40	137,705.00	U
Potassium n-methyldithiocarbamate	8,685,285.98	1,143	45,282.03	A
Potassium nitrate	16,878.33	5,474	188,372.17	A
Potassium nitrate	59.65	N/A	N/A	N/A
Potassium peroxymonosulfate	12.09	7	47.50	A
Potassium peroxymonosulfate	16.06	N/A	N/A	N/A
Potassium peroxymonosulfate	98.49	N/A	445,000.00	S
Potassium peroxymonosulfate	2,295.15	44	3,021,034.00	U
Potassium phosphite	1,150,828.09	22,681	449,234.39	A
Potassium phosphite	85,086.94	N/A	N/A	N/A
Potassium phosphite	2,693.95	701	6,048,350.13	S
Potassium phosphite	3,023.41	N/A	426,860.75	T
Potassium phosphite	1,510.15	23	2,416,371.50	U
Potassium salt of hop beta acids	< 0.01	1	0.50	A
Potassium salt of hop beta acids	0.01	1	3.00	C
Potassium salt of hop beta acids	0.24	6	38.00	U
Potassium silicate	13,494.97	388	8,079.64	A
Potassium silicate	15.04	60	158,027.00	S
Prallethrin	0.02	47	62.86	A
Prallethrin	5,403.06	N/A	N/A	N/A
Prallethrin	0.11	4	364,546.00	S
Prallethrin	17.08	N/A	24,559.03	U
Prodiamine	7,552.98	2,155	8,964.19	A
Prodiamine	41,796.89	N/A	N/A	N/A
Prodiamine	4.88	1	6.00	P
Prodiamine	71.88	69	3,842,618.00	S
Prodiamine, other related	1.72	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Prohexadione-calcium	726.50	228	3,521.85	A
Prohexadione-calcium	500.32	N/A	N/A	N/A
Prohexadione-calcium	< 0.01	4	320.00	S
Prohydrojasmon	207.47	35	790.41	A
Prometon	11.21	1	115.00	A
Prometryn	42,880.13	4,491	33,363.71	A
Prometryn	4.99	N/A	N/A	N/A
Propamocarb	42.45	N/A	10.50	A
Propamocarb	119.08	N/A	N/A	N/A
Propamocarb hydrochloride	86,143.44	8,495	89,725.24	A
Propamocarb hydrochloride	2,493.11	N/A	N/A	N/A
Propamocarb hydrochloride	126.67	8	1,351,028.00	S
Propanil	2,226,200.33	6,887	523,150.32	A
Propanil	8,055.75	N/A	N/A	N/A
Propargite	175,885.29	1,589	79,322.33	A
Propargite	274.31	N/A	N/A	N/A
Propetamphos	0.12	N/A	N/A	N/A
Propiconazole	111,662.41	19,140	638,693.18	A
Propiconazole	2.10	N/A	15,802.78	K
Propiconazole	7,893.31	N/A	N/A	N/A
Propiconazole	6.51	N/A	150,000.00	P
Propiconazole	129.48	129	12,903,065.77	S
Propiconazole	2,976.09	N/A	1,580,930.58	T
Propiconazole	0.66	11	51,250.00	U
Propionic acid	207,889.05	38,169	1,483,847.04	A
Propionic acid	1,706.20	N/A	N/A	N/A
Propionic acid	208.11	390	32,696,040.30	S
Propionic acid	104.68	26	550,198.02	U
Propoxur	0.97	N/A	N/A	N/A
Propylene glycol	70,646.09	39,573	960,583.30	A
Propylene glycol	6,628.22	N/A	N/A	N/A
Propylene glycol	< 0.01	1	6.00	P
Propylene glycol	46.33	635	16,355,366.33	S
Propylene glycol	0.05	1	813.00	U
Propylene oxide	108.00	N/A	11,275.00	C
Propylene oxide	89,361.99	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Propylene oxide	1,296.00	N/A	204,154.00	P
Propylene oxide	43,732.00	N/A	7,362.00	T
Propyzamide	113,852.27	11,634	115,826.15	A
Propyzamide	843.77	N/A	N/A	N/A
Propyzamide	6.06	N/A	200.00	S
Prothioconazole	5.03	6	434.00	A
Pseudomonas chlororaphis subsp. aurantiaca strain: afs009	17,305.16	571	10,129.10	A
Pseudomonas chlororaphis subsp. aurantiaca strain: afs009	82.51	60	623,800.00	S
Pseudomonas fluorescens, strain a506	2.22	1	10.00	A
Purpureocillium lilacinum strain 251	1,470.46	342	10,069.26	A
Purpureocillium lilacinum strain: pl11	110.35	14	604.00	A
Putrescent whole egg solids	7.29	N/A	N/A	N/A
Putrescent whole egg solids	0.75	N/A	257,864.00	S
Putrescent whole egg solids	26.86	N/A	99.00	U
Pydiflumetofen	41,012.39	9,666	427,710.12	A
Pydiflumetofen	72.91	N/A	N/A	N/A
Pydiflumetofen	0.93	16	264,847.00	S
Pymetrozine	2,082.77	2,991	24,391.88	A
Pymetrozine	1.66	N/A	N/A	N/A
Pymetrozine	69.85	292	13,837,106.50	S
Pymetrozine	10.86	13	340,728.00	U
Pyraclonil	1,163.62	80	4,346.68	A
Pyraclostrobin	131,028.77	35,209	1,064,461.67	A
Pyraclostrobin	0.12	2	16,400.00	C
Pyraclostrobin	1,671.79	N/A	N/A	N/A
Pyraclostrobin	121.32	632	14,691,742.00	S
Pyraclostrobin	30.06	114	1,298,463.00	U
Pyraflufen-ethyl	2,619.12	18,764	770,421.11	A
Pyraflufen-ethyl	21.25	N/A	N/A	N/A
Pyraflufen-ethyl	< 0.01	N/A	50,000.00	S
Pyraflufen-ethyl	0.13	4	0.04	U
Pyrethrins	5,638.86	13,176	141,854.91	A
Pyrethrins	1,512.76	N/A	1,919,000.00	C
Pyrethrins	4,526.99	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pyrethrins	112.00	2,396	34,165,037.36	S
Pyrethrins	9.83	15	29,424.59	U
Pyridaben	918.29	552	2,719.49	A
Pyridaben	1.51	N/A	N/A	N/A
Pyridaben	11.48	44	1,209,146.00	S
Pyridalyl	360.02	798	4,033.55	A
Pyridalyl	8.64	N/A	N/A	N/A
Pyridalyl	5.10	39	747,600.00	S
Pyridate	3.80	1	5.90	A
Pyrifluquinazon	91.94	554	3,049.19	A
Pyrifluquinazon	0.04	N/A	N/A	N/A
Pyrifluquinazon	9.81	104	4,045,022.00	S
Pyrimethanil	87,190.99	7,466	319,457.06	A
Pyrimethanil	1.42	159	184,558.00	S
Pyrimethanil	7,874.93	N/A	1,787,067.38	T
Pyriofenone	6,643.40	3,629	70,400.21	A
Pyriofenone	0.10	N/A	N/A	N/A
Pyriofenone	0.29	15	131,850.00	S
Pyriproxyfen	16,325.86	9,490	388,699.80	A
Pyriproxyfen	< 0.01	N/A	999,000.00	C
Pyriproxyfen	23,893.13	N/A	N/A	N/A
Pyriproxyfen	10.95	91	2,770,635.00	S
Pyriproxyfen	77.04	13	316,223.17	U
Pyrithiobac-sodium	234.29	145	4,169.85	A
Pyroxsulam	2,498.64	3,192	190,617.16	A
Pyroxsulam	1.06	N/A	N/A	N/A
Quillaja	1,219.75	311	6,472.91	A
Quillaja	0.04	N/A	N/A	N/A
Quinclorac	93.52	17	201.82	A
Quinclorac	511.05	N/A	N/A	N/A
Quinclorac	2.09	3	136,706.00	S
Quinclorac, dimethylamine salt	403.70	5	593.09	A
Quinclorac, dimethylamine salt	1,862.14	N/A	N/A	N/A
Quinclorac, dimethylamine salt	3.72	N/A	309,636.00	S
Quinoxyfen	31,724.48	11,163	328,300.78	A
Quinoxyfen	33.96	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Quinoxyfen	0.02	2	10,100.00	S
Resmethrin	1.25	N/A	N/A	N/A
Resmethrin	< 0.01	2	22,500.00	S
Resmethrin	0.11	1	31.00	U
Resmethrin, other related	0.06	N/A	N/A	N/A
Resmethrin, other related	< 0.01	1	2,500.00	S
Reynoutria sachalinensis (giant knotweed) plant extract	12,224.91	4,936	73,325.41	A
Reynoutria sachalinensis (giant knotweed) plant extract	16.13	N/A	N/A	N/A
Reynoutria sachalinensis (giant knotweed) plant extract	204.94	2,033	22,712,457.01	S
Reynoutria sachalinensis (giant knotweed) plant extract	109.33	17	4,504,124.00	U
Rhamnolipid biosurfactant	0.70	4	6.88	A
Rimsulfuron	42,847.45	29,803	902,747.68	A
Rimsulfuron	1,144.03	N/A	N/A	N/A
Rimsulfuron	0.66	N/A	1,252,468.00	S
Rotenone	0.06	1	38.20	A
Rotenone	0.10	N/A	N/A	N/A
Rotenone	< 0.01	18	46,635.00	S
Rotenone, other related	0.09	N/A	N/A	N/A
Rotenone, other related	< 0.01	18	46,635.00	S
S,s,s-tributyl phosphorotrithioate	2,768.33	74	2,434.60	A
S-abscisic acid	1,907.71	227	7,080.64	A
S-abscisic acid	< 0.01	4	320.00	S
S-bioallethrin	0.03	N/A	N/A	N/A
S-methoprene	390.14	835	55,076.52	A
S-methoprene	5,124.87	N/A	N/A	N/A
S-methoprene	57.84	N/A	1,361.00	P
S-methoprene	42.93	75	519,158.00	S
S-methoprene	70.32	N/A	35,134.48	T
S-methoprene	1.81	N/A	0.10	U
S-metolachlor	348,878.92	5,512	230,987.15	A
S-metolachlor	422.12	N/A	N/A	N/A
S-metolachlor	0.80	6	20,750.00	S
Sabadilla alkaloids	17.86	46	716.11	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Saccharomyces cerevisiae strain: las02	63.67	11	26.50	A
Saflufenacil	30,445.17	18,637	770,126.24	A
Saflufenacil	141.38	N/A	N/A	N/A
Saflufenacil	65.66	4	0.04	U
Sawdust	0.27	N/A	N/A	N/A
Sedaxane	0.54	N/A	15,000.00	P
Sedaxane	216.38	N/A	2,339.75	T
Sethoxydim	25,530.66	2,037	94,928.36	A
Sethoxydim	317.59	N/A	N/A	N/A
Sethoxydim	3.50	1	20,000.00	S
Siduron	5.50	1	0.50	A
Siduron	9.50	N/A	N/A	N/A
Siduron	9.80	2	33,000.00	S
Silica filled polydimethylsiloxane	96.37	1,241	52,616.75	A
Silica filled polydimethylsiloxane	1.51	N/A	N/A	N/A
Silica gel	3,422.88	N/A	N/A	N/A
Silicone	1,183.86	362	7,547.29	A
Silicone - glycol copolymer	5,577.14	237	16,737.21	A
Silicone - glycol copolymer	1,039.03	N/A	N/A	N/A
Silicone - glycol copolymer	0.13	N/A	28.00	U
Silicone defoamer	54.06	2,251	61,041.22	A
Silicone defoamer	1.33	N/A	N/A	N/A
Silicone defoamer	1.14	254	42,186,630.00	S
Silicone defoamer	< 0.01	1	292.00	U
Silver nitrate	0.31	20	12.41	A
Silver, ionic	0.02	N/A	N/A	N/A
Simazine	30,133.25	1,132	21,394.01	A
Simazine	2,314.81	N/A	N/A	N/A
Sodium alpha-olefin (c14-c16) sulfonate	16,741.17	N/A	N/A	N/A
Sodium arsenate	< 0.01	N/A	N/A	N/A
Sodium bisulfate	19.44	5	55.86	A
Sodium bromide	121.82	1	19.08	A
Sodium bromide	0.79	N/A	1,337.00	C
Sodium bromide	1.23	N/A	N/A	N/A
Sodium bromide	74.13	N/A	444,178.30	P
Sodium bromide	158,214.87	N/A	40,796.00	U

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Sodium bromosulfamate, sodium chlorosulfamate, potassium bromosulfamate, potassium chlorosulfamate	15,142.42	N/A	228.00	U
Sodium chlorate	148,167.03	472	30,446.73	A
Sodium chlorate	200,330.61	N/A	20.00	U
Sodium chloride	1.14	N/A	N/A	N/A
Sodium chloride	6.90	N/A	445,000.00	S
Sodium chloride	160.80	44	3,021,034.00	U
Sodium chlorite	1.47	1	12.00	A
Sodium chlorite	112,878.72	N/A	N/A	N/A
Sodium chlorite	1.44	11	24,882.00	S
Sodium chlorite	36,779.64	N/A	574,848.35	U
Sodium cyanide	1,630.47	N/A	N/A	N/A
Sodium dichloro-s-triazinetrione	0.96	2	30.08	A
Sodium dichloro-s-triazinetrione	311.85	N/A	N/A	N/A
Sodium dichloro-s-triazinetrione	63,279.02	N/A	3,929.00	U
Sodium dichloro-s-triazinetrione dihydrate	16,006.88	N/A	N/A	N/A
Sodium dichloro-s-triazinetrione dihydrate	43.82	N/A	412,940.00	P
Sodium dichloro-s-triazinetrione dihydrate	2,286.14	N/A	319.00	U
Sodium diisooctylsulfosuccinate	767.42	3,030	129,536.85	A
Sodium diisooctylsulfosuccinate	11.52	N/A	N/A	N/A
Sodium diisooctylsulfosuccinate	< 0.01	N/A	4,200.00	S
Sodium dioctyl sulfosuccinate	0.45	6	10.00	A
Sodium dioctyl sulfosuccinate	0.02	N/A	N/A	N/A
Sodium dioctyl sulfosuccinate	< 0.01	1	39,375.00	S
Sodium hydroxide	24,124.34	8,143	313,564.82	A
Sodium hydroxide	182.26	N/A	N/A	N/A
Sodium hypochlorite	4,982.78	52	552,293.86	A
Sodium hypochlorite	3.67	N/A	1,337.00	C
Sodium hypochlorite	15,203.61	N/A	N/A	N/A
Sodium hypochlorite	53.73	N/A	444,178.30	P
Sodium hypochlorite	714.29	N/A	28,800.00	S
Sodium hypochlorite	251,606.84	N/A	4,029,172.58	T
Sodium hypochlorite	614,005.22	N/A	53,052.00	U
Sodium lauryl sulfate	1,017.36	N/A	N/A	N/A
Sodium metabisulfite	31.75	N/A	5,296.00	T

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Sodium metaborate	257.25	10	49.60	A
Sodium metasilicate	1.08	17	182.56	A
Sodium metasilicate	0.03	N/A	N/A	N/A
Sodium monoalkyl and dialkyl (c6-c16) phenoxy benzenedisulfonates and related acids	1.89	N/A	N/A	N/A
Sodium nitrate	108.15	28	827.90	A
Sodium nitrate	2,579.03	N/A	N/A	N/A
Sodium nitrate	3.67	N/A	0.02	U
Sodium percarbonate	314,131.68	370	17,849.41	A
Sodium percarbonate	4,632.66	N/A	8,614.00	K
Sodium percarbonate	59,385.21	N/A	N/A	N/A
Sodium percarbonate	8,017.68	20	664,689.90	S
Sodium percarbonate	1,082.22	1	1,108.00	U
Sodium polyacrylate	2,023.07	11,016	460,097.80	A
Sodium polyacrylate	93.87	N/A	N/A	N/A
Sodium polyacrylate	0.08	3	48,002.73	S
Sodium polyacrylate	< 0.01	9	10.07	U
Sodium tetraborate decahydrate	1,593.26	436	16,435.69	A
Sodium tetraborate decahydrate	141,719.54	N/A	N/A	N/A
Sodium tetraborate decahydrate	0.03	2	900.00	S
Sodium tetraborate pentahydrate	0.38	N/A	N/A	N/A
Sodium tripolyphosphate	3,892.28	4,563	172,437.24	A
Sodium tripolyphosphate	9.17	N/A	N/A	N/A
Sodium xylene sulfonate	63,726.80	9,555	311,382.26	A
Sodium xylene sulfonate	166.51	N/A	N/A	N/A
Sodium xylene sulfonate	< 0.01	1	6.00	P
Sodium xylene sulfonate	13.64	437	44,670,660.73	S
Sodium xylene sulfonate	< 0.01	2	1,077.00	U
Sorbitan fatty acid esters	381.16	91	7,884.20	A
Sorbitan fatty acid esters	356.99	N/A	N/A	N/A
Sorbitan monooleate	1,423.64	618	22,384.86	A
Sorbitan monooleate	31.87	N/A	N/A	N/A
Sorbitol	19,977.17	8,576	402,463.59	A
Sorbitol	231.32	N/A	N/A	N/A
Soybean oil	154,846.08	5,431	130,751.42	A
Soybean oil	80.53	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Soybean oil	57.19	73	3,306,767.00	S
Soybean oil, ethoxylated	127,804.46	8,448	325,649.77	A
Soybean oil, ethoxylated	955.80	N/A	N/A	N/A
Spinetoram	56,129.99	51,768	880,386.04	A
Spinetoram	7.48	N/A	N/A	N/A
Spinetoram	3.21	17	2,553,955.00	S
Spinosad	17,012.47	23,216	217,320.10	A
Spinosad	3,355.48	N/A	N/A	N/A
Spinosad	855.11	N/A	18,836.68	P
Spinosad	92.75	958	36,132,360.00	S
Spinosad	18.91	129	395,640.00	U
Spirodiclofen	23,742.25	1,625	53,949.69	A
Spiromesifen	26,675.04	3,543	119,050.77	A
Spiromesifen	4.93	N/A	N/A	N/A
Spiromesifen	10.43	98	1,861,770.00	S
Spiromesifen	10.69	15	352,592.00	U
Spirotetramat	88,632.47	51,234	848,199.97	A
Spirotetramat	< 0.01	1	2,800.00	C
Spirotetramat	2.12	N/A	N/A	N/A
Spirotetramat	19.35	250	6,995,671.00	S
Spirotetramat	15.57	89	1,911,967.00	U
Strepomyces lydicus strain: wyec 108	0.76	683	4,575.47	A
Strepomyces lydicus strain: wyec 108	< 0.01	N/A	N/A	N/A
Strepomyces lydicus strain: wyec 108	0.01	227	928,351.00	S
Strepomyces lydicus strain: wyec 108	< 0.01	N/A	160,000.00	U
Streptomyces griseoviridis strain k61	1.71	3	52.07	A
Streptomyces griseoviridis strain k61	11.30	156	752,874.00	S
Streptomycin	2.70	8	29.50	A
Streptomycin	0.15	N/A	N/A	N/A
Streptomycin sulfate	10,413.29	1,814	43,311.68	A
Streptomycin sulfate	24.70	N/A	N/A	N/A
Streptomycin sulfate	63.08	142	6,366,689.00	S
Strychnine	265.79	1,019	40,105.79	A
Strychnine	421.29	N/A	N/A	N/A
Sucrose octanoate	0.84	7	245,600.00	S
Sugar	287.41	5	191.60	A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Sugar	1.76	N/A	N/A	N/A
Sulfaquinoxaline	< 0.01	10	8.02	A
Sulfaquinoxaline	0.13	N/A	N/A	N/A
Sulfentrazone	936.52	173	5,594.03	A
Sulfentrazone	< 0.01	N/A	4.00	K
Sulfentrazone	3,878.94	N/A	N/A	N/A
Sulfentrazone	0.25	3	172,543.00	S
Sulfluramid	0.02	N/A	N/A	N/A
Sulfometuron-methyl	347.78	177	4,629.84	A
Sulfometuron-methyl	8,057.44	N/A	N/A	N/A
Sulfometuron-methyl	0.49	7	171,675.00	S
Sulfosulfuron	6.75	2	3.60	A
Sulfosulfuron	21.87	N/A	N/A	N/A
Sulfoxaflor	1,066.66	1,340	18,127.03	A
Sulfoxaflor	0.04	N/A	N/A	N/A
Sulfoxide	0.03	N/A	N/A	N/A
Sulfoxide, other related	< 0.01	N/A	N/A	N/A
Sulfur	38,204,378.75	121,912	4,579,068.46	A
Sulfur	1,345.81	N/A	N/A	N/A
Sulfur	288.00	1	76.00	P
Sulfur	2,153.02	1,643	16,784,189.70	S
Sulfur	2.79	N/A	0.02	U
Sulfur dioxide	3,185.10	N/A	1,295,297.50	C
Sulfur dioxide	1,155.00	N/A	34,613.10	K
Sulfur dioxide	95,196.88	N/A	N/A	N/A
Sulfur dioxide	7,070.80	N/A	86,383,802.00	P
Sulfur dioxide	1,714.20	N/A	401,116.00	S
Sulfur dioxide	60,930.11	10	610,333.29	T
Sulfur dioxide	18,279.35	4	3,460,628.00	U
Sulfuric acid	6,957.87	4,775	186,271.43	A
Sulfuric acid	44.52	N/A	N/A	N/A
Sulfuryl fluoride	64,223.30	N/A	1,176.90	A
Sulfuryl fluoride	147,652.69	8	59,566,313.16	C
Sulfuryl fluoride	90,842.95	N/A	1,414,095.19	K
Sulfuryl fluoride	2,503,424.26	N/A	N/A	N/A
Sulfuryl fluoride	10,105.75	N/A	2,666,687.00	P

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Sulfuryl fluoride	9,918.12	N/A	118,776.00	S
Sulfuryl fluoride	2,874.42	N/A	148,543.09	T
Sulfuryl fluoride	3,992.00	N/A	2.20	U
Swinglea glutinosa extract	23,482.19	298	14,591.06	A
Swinglea glutinosa extract	171.42	76	773,720.00	S
Tall oil	34,079.03	10,522	435,081.33	A
Tall oil	817.56	N/A	N/A	N/A
Tall oil fatty acids	328,220.76	58,500	2,618,269.48	A
Tall oil fatty acids	14,942.73	N/A	N/A	N/A
Tall oil fatty acids	0.04	1	6.00	P
Tall oil fatty acids	21.83	694	45,401,411.73	S
Tall oil fatty acids	16.39	4	1,301.03	U
Tartrazine	38.52	32	682.22	A
Tartrazine	48.50	N/A	N/A	N/A
Tau-fluvalinate	527.42	1,296	5,168.69	A
Tau-fluvalinate	32.42	N/A	N/A	N/A
Tau-fluvalinate	86.83	520	19,105,348.00	S
Tau-fluvalinate	70.37	78	824,350.00	U
Tcmtb	7.80	N/A	3.00	A
Tea tree oil	34.51	6	134.93	A
Tea tree oil	1.29	50	121,600.00	S
Tebuconazole	85,122.33	13,619	552,607.46	A
Tebuconazole	0.02	N/A	8,102.82	K
Tebuconazole	10,616.69	N/A	N/A	N/A
Tebuconazole	118.33	32	4,804,261.00	S
Tebuconazole	0.02	N/A	2,410.00	T
Tebufenozide	3.81	9	30.00	A
Tebuthiuron	15.00	7	263.00	A
Tebuthiuron	4,290.38	N/A	N/A	N/A
Tebuthiuron	0.90	1	1,000.00	S
Tembotrione	8,988.65	2,413	112,992.16	A
Temephos	0.14	N/A	N/A	N/A
Terrazole	80.67	90	109.79	A
Terrazole	10.99	10	76,034.00	S
Tetrachlorvinphos	2.06	1	1.00	A
Tetrachlorvinphos	0.15	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Tetraconazole	5,488.25	4,043	137,554.88	A
Tetramethrin	< 0.01	N/A	25.00	C
Tetramethrin	6.44	N/A	N/A	N/A
Tetramethrin	< 0.01	2	5,800.00	S
Tetraniliprole	4.34	N/A	84.00	A
Tetraniliprole	45.86	N/A	N/A	N/A
Tetraniliprole	0.42	N/A	216,000.00	S
Tetrapotassium pyrophosphate	72.93	1,537	30,691.69	A
Tetrapotassium pyrophosphate	7.36	N/A	N/A	N/A
Tetrapotassium pyrophosphate	6.69	254	42,186,630.00	S
Tetrapotassium pyrophosphate	< 0.01	1	292.00	U
Thiabendazole	0.10	2	2.00	A
Thiabendazole	65.14	N/A	N/A	N/A
Thiabendazole	14.30	N/A	10,506.07	P
Thiabendazole	220.73	204	1,602,155.00	S
Thiabendazole	29,714.54	N/A	5,721,246.37	T
Thiabendazole, hypophosphite salt	4.07	N/A	N/A	N/A
Thiamethoxam	45,153.54	22,432	397,377.33	A
Thiamethoxam	4,891.52	N/A	N/A	N/A
Thiamethoxam	2,954.88	N/A	378,354.63	P
Thiamethoxam	10.00	73	1,236,048.00	S
Thiamethoxam	53.08	7	254,543.00	U
Thidiazuron	10,626.81	2,683	211,457.70	A
Thiencarbazone-methyl	7.75	28	1,327.04	A
Thiencarbazone-methyl	39.89	N/A	N/A	N/A
Thiobencarb	244,601.65	857	75,935.40	A
Thiophanate	1.88	1	1.25	A
Thiophanate	183.62	N/A	N/A	N/A
Thiophanate-methyl	181,269.54	9,011	219,098.31	A
Thiophanate-methyl	1.00	1	5.00	C
Thiophanate-methyl	26,899.79	N/A	N/A	N/A
Thiophanate-methyl	1,959.51	1,181	36,884,178.00	S
Thiophanate-methyl	1,103.88	46	4,391,346.50	U
Thiram	173,113.45	2,087	78,428.95	A
Thiram	203.39	N/A	N/A	N/A
Thiram	4,435.15	N/A	3,513,717.20	P

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Thiram	139.56	6	125,705.01	S
Thyme oil	5.88	N/A	N/A	N/A
Thymol	164.67	57	1,199.14	A
Thymol	0.47	N/A	N/A	N/A
Thymol	0.09	N/A	2,266.33	S
Thymol	113.22	42	8,957.00	U
Tolfenpyrad	2,906.56	819	9,917.40	A
Tolfenpyrad	2.40	N/A	N/A	N/A
Tolfenpyrad	71.74	180	7,158,400.01	S
Topramezone	5.39	7	240.44	A
Topramezone	26.59	N/A	N/A	N/A
Topramezone	< 0.01	N/A	3,500.00	S
Tralkoxydim	0.64	1	1.00	A
Tralkoxydim	0.90	N/A	N/A	N/A
Tralomethrin	0.31	N/A	N/A	N/A
Tralopyril	1.35	N/A	N/A	N/A
Triadimefon	220.10	86	294.22	A
Triadimefon	531.21	N/A	N/A	N/A
Triadimefon	7.43	2	277,800.00	S
Triallate	923.20	9	618.80	A
Tribenuron-methyl	3,014.34	4,330	237,308.69	A
Tribenuron-methyl	2.65	N/A	N/A	N/A
Tributyl tetradecylphosphonium chloride	258.67	N/A	8.00	U
Trichloro-s-triazinetrione	7,161.94	N/A	N/A	N/A
Trichloro-s-triazinetrione	8,985.10	N/A	33.00	U
Trichlorofluoromethane	30.29	N/A	N/A	N/A
Trichoderma harzianum rifai strain krl-ag2	153.66	939	6,091.57	A
Trichoderma harzianum rifai strain krl-ag2	0.65	38	1,421.00	C
Trichoderma harzianum rifai strain krl-ag2	0.87	N/A	N/A	N/A
Trichoderma harzianum rifai strain krl-ag2	0.03	1	5,066.00	P
Trichoderma harzianum rifai strain krl-ag2	8.95	691	5,093,272.75	S
Trichoderma harzianum rifai strain krl-ag2	0.17	9	76,830.00	U
Trichoderma virens strain: gl-21	88.10	14	201.17	A
Triclopyr choline	14,463.14	307	12,874.42	A
Triclopyr choline	36,645.04	N/A	N/A	N/A
Triclopyr choline	83.67	27	1,080,569.40	S

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Triclopyr choline	523.14	N/A	3.00	U
Triclopyr, butoxyethyl ester	14,832.81	514	10,280.47	A
Triclopyr, butoxyethyl ester	38,513.70	N/A	N/A	N/A
Triclopyr, butoxyethyl ester	22.45	25	466,304.00	S
Triclopyr, butoxyethyl ester	0.17	N/A	1.00	U
Triclopyr, triethylamine salt	85,079.79	4,599	327,715.86	A
Triclopyr, triethylamine salt	80,542.81	N/A	N/A	N/A
Triclopyr, triethylamine salt	18.67	3	313,600.00	S
Triclopyr, triethylamine salt	51.56	2	6,166.00	U
Triethanolamine	32,554.85	9,438	441,664.57	A
Triethanolamine	440.21	N/A	N/A	N/A
Triethanolamine	17.07	254	42,186,630.00	S
Triethanolamine	< 0.01	1	292.00	U
Triethanolamine oleate	1,943.57	1,174	68,131.68	A
Triethylene glycol	0.59	N/A	N/A	N/A
Trifloxystrobin	54,342.87	17,061	514,954.10	A
Trifloxystrobin	188.83	N/A	N/A	N/A
Trifloxystrobin	15.44	115	5,384,305.00	S
Trifloxystrobin	0.45	11	32,150.00	U
Trifloxysulfuron-sodium	11.29	20	657.97	A
Trifloxysulfuron-sodium	< 0.01	N/A	100.00	C
Trifloxysulfuron-sodium	84.43	N/A	N/A	N/A
Trifloxysulfuron-sodium	< 0.01	N/A	5,000.00	S
Triflumizole	16,165.57	2,557	66,578.99	A
Triflumizole	0.03	N/A	N/A	N/A
Triflumizole	2.96	26	315,170.00	S
Trifluralin	269,515.51	6,061	253,037.02	A
Trifluralin	1.03	1	15.00	K
Trifluralin	1,957.27	N/A	N/A	N/A
Trifluralin	0.03	1	2,178.00	P
Trifluralin	56.78	134	1,070,645.85	S
Trifluralin	0.06	2	405.00	U
Triflusulfuron-methyl	202.25	113	8,791.80	A
Trimethylamine	0.31	N/A	N/A	N/A
Trimethylamine	0.02	N/A	257,864.00	S
Trimethylamine	0.79	N/A	99.00	U

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Trinexapac-ethyl	1,402.28	168	20,298.95	A
Trinexapac-ethyl	7,194.61	N/A	N/A	N/A
Trinexapac-ethyl	18.66	11	10,144,422.00	S
Trinexapac-ethyl	2.56	3	0.03	U
Triptolide	< 0.01	N/A	N/A	N/A
Triticonazole	14.21	13	49.65	A
Triticonazole	322.06	N/A	N/A	N/A
Triticonazole	2.58	18	489,960.00	S
Ulocladium oudemansii (u3 strain)	143.73	36	154.59	A
Ulocladium oudemansii (u3 strain)	752.11	207	779,595.00	S
Uniconazole-p	1.79	842	10,273.50	A
Uniconazole-p	0.12	190	2,672,568.00	S
Urea	11,358.32	656	32,258.79	A
Urea	850.89	N/A	N/A	N/A
Urea dihydrogen sulfate	309,874.47	16,715	716,232.74	A
Urea dihydrogen sulfate	368.17	N/A	N/A	N/A
Urea dihydrogen sulfate	3.88	3	0.03	U
Urea inclusion adduct of polyoxy(ethylene)/polyoxy(propylene) block copolymer	12.22	13	522.10	A
Urea inclusion adduct of polyoxy(ethylene)/polyoxy(propylene) block copolymer	7.14	N/A	N/A	N/A
Vegetable oil	750,911.26	7,408	548,001.93	A
Vegetable oil	1,733.65	6	0.06	U
Vinclozolin	116.75	7	9.10	A
Vinyl ester polymer	6.28	N/A	N/A	N/A
Vinyl ester polymer	0.20	1	39,375.00	S
Vinyl polymer	2,802.94	8,879	248,250.30	A
Vinyl polymer	34.20	N/A	N/A	N/A
Warfarin	< 0.01	14	19.52	A
Warfarin	14.35	N/A	N/A	N/A
Xanthan gum	2,274.85	3,151	115,249.99	A
Xanthan gum	< 0.01	N/A	N/A	N/A
Xylene	70.32	5	585.00	A
Xylene	70.62	N/A	N/A	N/A
Xylene range aromatic solvent	37.07	N/A	N/A	N/A

Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Yeast	0.23	N/A	N/A	N/A
Yucca, extract	4,659.81	175	9,039.20	A
Yucca, extract	2.98	N/A	N/A	N/A
Yucca, extract	145.14	158	1,614,191.00	S
Z,e-9,12-tetradecadien-1-yl acetate	0.32	2	32.49	A
Z,e-9,12-tetradecadien-1-yl acetate	238.83	N/A	N/A	N/A
Z-11-tetradecen-1-yl acetate	0.47	119	2,120.27	A
Z-8-dodecenol	88.91	3,288	44,811.67	A
Z-8-dodecenol	0.37	N/A	N/A	N/A
Z-8-dodecenyl acetate	5,511.45	3,288	44,811.67	A
Z-8-dodecenyl acetate	33.20	N/A	N/A	N/A
Zeta-cypermethrin	13,092.52	22,546	512,877.38	A
Zeta-cypermethrin	13.35	N/A	N/A	N/A
Zeta-cypermethrin	0.27	8	63,000.30	S
Zinc 2-pyridinethiol-1-oxide	0.28	2	60.00	A
Zinc 2-pyridinethiol-1-oxide	1.06	N/A	N/A	N/A
Zinc chloride	0.03	N/A	N/A	N/A
Zinc phosphide	5,304.13	686	58,152.92	A
Zinc phosphide	1,405.68	N/A	N/A	N/A
Zinc sulfate	22.20	10	508.00	A
Ziram	291,601.27	3,509	53,197.24	A
Ziram	5.32	N/A	N/A	N/A
Zoxamide	989.71	71	5,918.50	A