

2020 Annual Statewide Pesticide Use Report Chemical Totals

Text files of data are available at <<https://files.cdpr.ca.gov/pub/outgoing/pur/data/>>. Apps = Number of agricultural applications, N/A = Not Available: many nonagricultural pesticide use reports are not legally required to report area treated or number of applications. See Pesticide Use Annual Report Data Access, References, and Definitions Guide for more information.

Chemical	Pounds Applied	Apps
abamectin	48,163.78	70,243
abamectin, other related	0.02	N/A
abietic anhydride	0.04	N/A
s-abscisic acid	1,221.77	239
acephate	123,712.7	11,522
acequinocyl	13,852.83	2,210
acetamiprid	68,377.03	23,686
acetic acid	2,006.58	418
acibenzolar-s-methyl	3,241.8	11,205
acid blue 9, diammonium salt	1,957.62	38
acrolein	54,950.24	20
acrylamide/sodium acrylate copolymer	578.38	562
acrylic acid	24,266.79	3,118
afidopyropen	1,869.93	2,456
agrobacterium radiobacter	49.4	69
alcohol ethoxylate phosphate ester	10.2	2
alcohols, c12-c14, aliphatic	1,003.95	N/A
alcohols, c12 - c13, ethoxylated	595.93	10
alkyl and alkylaryl poly (oxyethylene) glycols, mixed	4,838.31	647
alpha-alkylaryl-omega-hydroxypoly(oxyethylene)	1,639.96	316
alpha-alkylaryl-omega-hydroxypoly(oxyethylene) phosphate	17.16	8
alkyl (as in fatty acids of coconut oil) monoethanolamide	9.42	N/A
alkyl benzene sulfonic acid	3.01	1
alkyl (50%c14, 40%c12, 10%c16) dimethylbenzyl ammonium chloride	37,331.32	73
alkyl (58%c14, 28%c16, 14%c12) dimethylbenzyl ammonium chloride	5.66	1
alkyl (60%c14, 25%c12, 15%c16) dimethylbenzyl ammonium chloride	<0.01	2
alkyl (60%c14, 30%c16, 5%c12, 5%c18) dimethylbenzyl ammonium chloride	8,457.01	272

Chemical	Pounds Applied	Apps
alkyl (61%c12,23%c14,11%c16,2.5%c8 & c10,2.5%c18) dimethyl benzyl ammonium chloride	1.89	N/A
alkyl (67%c12, 25%c14, 7%c16, 1%c18) dimethylbenzyl ammonium chloride	449.09	N/A
alkyl (95%c14, 3%c12, 2%c16) dimethyl benzyl ammonium chloride	0.19	N/A
alkyl (50%c14, 40%c12, 10%c16) dimethylbenzyl ammonium saccharinate	0.02	N/A
alkyl (50%c12, 30%c14, 17%c16, 3%c18) dimethylethylbenzyl ammonium chloride	0.37	N/A
alkyl (68%c12, 32%c14) dimethylethylbenzyl ammonium chloride	7,419.27	251
alpha-alkyl (c8-c18)-omega-hydroxypoly(oxyethylene) poly(oxypropylene)	53.43	51
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	112,906.86	44,896
alpha-alkyl (c9-c16)-omega-hydroxypoly(oxyethylene)	208,324.68	14,017
alpha-alkyl (c9-c18)-omega-hydroxypoly(oxyethylene)	1,578.74	510
alpha-alkyl (c10-c14)-omega-hydroxypoly(oxyethylene)	598.62	125
alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	54,262.13	3,849
alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	126,534.97	31,489
alpha-alkyl (c12-c16)-omega-hydroxypoly(oxyethylene)	74.47	27
alpha-alkyl (mixed)-omega-hydroxypoly (oxyethylene) sulfate	30.16	N/A
alpha-pinene beta-pinene copolymer	246,961.41	28,178
alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	45,653.86	6,418
alpha-alkyl (secondary c11-c15)-omega-hydroxypoly(oxyethylene)	10,003.7	784
alpha-alkyl (c12-c15)-omega-hydroxypoly(oxyethylene) sulfate, sodium salt	4,165.8	2,151
alpha-alkylphenyl-omega-hydroxypoly(oxyethylene)	0.82	2
alkyl (c9-c11) oligomeric d-glucopyranoside	5,591.33	3,396
alkyl (c8,c10) polyglucoside	116,582.42	21,707
alkyl(42%c12, 26%c18, 15%c14, 8%c16, 5%c10, 4%c8)1,3-propylenediamine	179,859.46	N/A
allethrin	0.95	8
allethrin, other related	<0.01	2
d-allethrin	0.55	N/A
d-allethrin, other related	0.01	N/A
d-trans allethrin	16.94	N/A
allyloxypolyethylene glycol acetate	5,301.95	1,071
almond, bitter	<0.01	1
aluminum phosphide	149,943.09	1,683
ametoctradin	16,834.64	6,123

Chemical	Pounds Applied	Apps
aminocyclopyrachlor	111.79	N/A
aminocyclopyrachlor, potassium salt	4,950.81	N/A
amino ethoxy vinyl glycine hydrochloride	3,003.06	926
aminopyralid, triisopropanolamine salt	33,273.85	600
4-aminopyridine	20.38	N/A
amitraz	20.43	11
ammonium bicarbonate	0.05	N/A
ammonium citrate	19.87	2
ammonium nonanoate	8,617.6	148
ammonium nitrate	80,341.33	26,376
ammonium propionate	89,502.55	16,926
ammonium sulfamate	<0.01	N/A
ammonium sulfate	967,266.78	75,940
ammonium tall oil fatty acid soap	0.77	4
amyl acetate	642.98	5,373
para-tert-amylphenol	21.65	34
ancymidol	0.26	746
aromatic 200	70,317.37	3,597
aspergillus flavus strain af36	19.93	2,366
asphalt solids	43.73	1
atrazine	20,678.52	308
atrazine, other related	417.66	308
aureobasidium pullulans strain dsm 14940	2,353.1	343
aureobasidium pullulans strain dsm 14941	2,353.1	343
azadirachtin	6,190.02	24,337
azoxystrobin	290,371.83	34,973
bacillus amyloliquefaciens strain d747	230,216.27	6,199
bacillus amyloliquefaciens strain f727	32,134.14	717
bacillus firmus (strain i-1582)	28.0	N/A
bacillus mycoides isolate j	423.46	688
bacillus pumilus, strain qst 2808	10,180.72	6,685
bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins	10,427.21	N/A
bacillus subtilis gb03	1.58	20
bacillus amyloliquefaciens strain mbi 600	1,300.0	757
bacillus subtilis strain iab/bs03	17.89	540
bacillus thuringiensis (berliner)	13.01	50
bacillus thuringiensis (berliner), subsp. aizawai, gc-91 protein	58,209.94	5,815
bacillus thuringiensis (berliner), subsp. aizawai, serotype h-7	43.21	174
bacillus thuringiensis, subsp. aizawai, strain abts-1857	129,575.66	15,003
bacillus thuringiensis, subsp. aizawai, strain sd-1372, lepidopteran active toxin(s)	1.08	3

Chemical	Pounds Applied	Apps
bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	5,870.33	142
bacillus thuringiensis, subsp. israelensis, strain am 65-52	74,182.34	1,314
bacillus thuringiensis (berliner), subsp. kurstaki, serotype 3a,3b	4.14	27
bacillus thuringiensis ssp kurstaki, strain evb 113 19	3,619.51	243
bacillus thuringiensis, var. kurstaki delta endotoxins cry 1a(c) and cry 1c (genetically engineered) encapsulated in pseudomonas fluorescens (killed)	<0.01	N/A
bacillus thuringiensis (berliner), subsp. kurstaki, strain eg 2348	0.29	5
bacillus thuringiensis subspecies kurstaki strain bmp 123	4.85	1
bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	132,203.75	15,120
bacillus thuringiensis, subsp. kurstaki, strain hd-1	15.7	46
bacillus thuringiensis subspecies kurstaki, genetically engineered strain eg7841 lepidopteran active toxin	14,065.18	2,053
bacillus thuringiensis (berliner), subsp. kurstaki, strain sa-11	142,754.88	10,104
bacillus thuringiensis (berliner), subsp. kurstaki strain sa-12	378.65	115
bacteriophage active against xanthomonas campestris pv. vesicatoria and pseudomonas syringae pv. tomato	<0.01	10
bacteriophages active against xylella fastidiosa	<0.01	2
beauveria bassiana hf 23	78.08	N/A
beauveria bassiana strain gha	6,988.53	4,278
beauveria bassiana strain ant-03	783.48	621
beauveria bassiana strain ppri 5339	140.88	678
bendiocarb	0.95	N/A
benefin	9,986.74	303
benomyl	0.22	7
bensulfuron methyl	532.97	129
bensulide	336,448.69	9,254
bentazon, sodium salt	7,256.33	550
bentonite	98,716.65	3,203
benzenesulfonic acid, c10-16-alkyl derivatives	215.8	266
benzobicyclon	39,868.46	2,198
benzovindiflupyr	N/A	N/A
benzoic acid	5,714.65	22,673
n6-benzyl adenine	364.1	2,149
ortho-benzyl-para-chlorophenol	110.23	N/A
beta-conglutin	4,818.6	450
bifenazate	301,708.3	12,513
bifenthrin	307,581.3	33,391

Chemical	Pounds Applied	Apps
s-bioallethrin	0.05	2
bis butenylene tetrahydro furfural	0.11	N/A
n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	180,175.24	69,595
n,n-bis-(2-(omega-hydroxypoly(oxyethylene)/poly(oxypropylene))ethyl)alkyl (c8-c18) amine	19,159.48	231
bispyribac-sodium	6,137.12	2,206
borax	211,119.01	360
boric acid	737,092.23	36
boscalid	123,591.26	23,360
brodifacoum	4.52	7
bromacil	16,434.0	120
bromacil, lithium salt	3,070.51	N/A
bromadiolone	54.08	471
bromethalin	7.64	127
1-bromo-3-chloro-5,5-dimethyl hydantoin	56,392.22	N/A
bromoxynil heptanoate	15,865.06	1,265
bromoxynil octanoate	42,167.18	2,139
bronopol	821.92	N/A
buffalo gourd root powder	6.52	1
buprofezin	287,223.43	5,638
burkholderia sp strain a396 cells and fermentation media	552,148.9	8,375
butopyronoxyl	19.19	13
2-butoxyethanol	5,277.21	2,292
butoxy polypropylene glycol	0.05	1
butyl alcohol	37,673.69	12,330
butyl lactate	3,476.68	2,058
alpha-(para-tert-butylphenyl)-omega-hydroxypoly(oxyethylene) phosphate	26,018.61	4,533
cacodylic acid	1.01	N/A
cadmium chloride	0.48	9
calcium acid methanearsonate	0.03	N/A
calcium carbonate	63,113.22	N/A
calcium chloride	7,385.67	6,753
calcium cyanide	52.5	N/A
calcium hydroxide	4,926,694.35	10,369
calcium hypochlorite	83,182.38	1,315
calcium thiosulfate	0.32	1
canola oil	3,051.22	3,347
capric acid	119,788.28	1,855
caprylic acid	175,362.65	1,856
capsicum oleoresin	419.27	1,671

Chemical	Pounds Applied	Apps
captan	376,057.0	6,442
captan, other related	4,208.88	3,399
carbaryl	110,231.07	2,853
carbo methoxy ether cellulose, sodium salt	145.92	2,756
complex carbohydrate polymer derivative	28.95	26
carbon	2,008.08	N/A
carbon dioxide	38,421.1	N/A
carbon disulfide	48.02	N/A
carbon tetrachloride	141.62	N/A
carbophenothion	0.12	1
carboxin	45.53	N/A
carfentrazone-ethyl	16,338.93	20,614
casein	7,293.92	3,199
castor oil	15.14	1
castor oil ethoxylate	37,871.38	8,637
chenopodium ambrosiodes near ambrosiodes	85.48	19
chlorantraniliprole	187,442.73	49,885
chlordane	0.79	N/A
chlordecone	<0.01	N/A
chlorfenapyr	12,316.37	750
chlorflurenol, methyl ester	100.9	N/A
chlorine	246,961.3	N/A
chlorine dioxide	1,119.55	N/A
chlormequat chloride	1,083.04	2,184
5-chloro-2-methyl-4-isothiazolin-3-one	12,975.26	N/A
chlorophacinone	12.86	728
chloropicrin	8,370,636.07	2,154
chlorothalonil	1,149,168.5	16,222
3-chloro-p-toluidine hydrochloride	0.01	N/A
chlorpropham	3,245.12	14
chlorpyrifos	14,120.1	343
chlorsulfuron	2,355.83	147
chlorthal-dimethyl	210,652.51	6,455
cholecalciferol	106.4	14
chromobacterium subsugae strain praa4-1	37,369.47	5,913
cinnamaldehyde	4,032.45	259
citric acid	178,099.77	63,436
clarified hydrophobic extract of neem oil	199,294.07	6,846
clethodim	133,627.73	16,575
clofentezine	30,407.21	2,126
clomazone	42,818.05	1,242
clopyralid	1.9	N/A
clopyralid, monoethanolamine salt	15,036.52	1,026

Chemical	Pounds Applied	Apps
clopyralid,triethylamine salt	85.8	2
clothianidin	24,448.42	6,221
clove oil	61.56	1
coconut diethanolamide	19,739.6	9,646
coconut imidazoline sodium carboxylate	<0.01	1
codling moth granulosis virus	0.75	439
coniothyrium minitans strain con/m/91-08	543.06	266
copper	8,947.19	97
copper ammonium carbonate	2,261.41	3
copper ammonium complex	68.33	36
copper carbonate, basic	436.4	N/A
copper citrate chelate	1,327.95	N/A
copper diammonium diacetate complex	1,398.02	163
copper ethanolamine complexes, mixed	1,525,812.71	80
copper ethylenediamine complex	21,413.19	2
copper gluconate chelate	1,287.17	N/A
copper hydroxide	3,115,936.7	42,333
copper naphthenate	6,297.89	N/A
copper octanoate	19,263.49	4,837
copper oxide (ous)	346,519.5	6,986
copper oxychloride	409,480.48	11,626
copper oxychloride sulfate	139.08	3
copper 8-quinolinoleate	0.88	N/A
copper salts of fatty and rosin acids	162.35	28
copper sulfate (basic)	1,157,046.85	10,305
copper sulfate (pentahydrate)	2,180,990.22	4,456
copper triethanolamine complex	22,848.88	4
corn product, hydrolyzed	101,361.76	3,349
corn steep liquor	155,292.58	1,240
corn syrup	16,160.87	1,360
cottonseed oil	16,872.57	377
coyote urine	2.82	N/A
creosote	3.04	1
cryolite	354,771.96	1,646
cube extracts	0.1	N/A
cyanazine	1.8	1
cyantraniliprole	53,883.75	24,087
cyanuric acid	2.68	2
cyazofamid	3,736.5	3,322
cyclanilide	1,063.72	323
cycloate	41,519.55	2,762
cyflufenamid	7,258.96	9,401
cyflumetofen	61,416.24	7,385

Chemical	Pounds Applied	Apps
cyfluthrin	13,157.02	6,435
beta-cyfluthrin	21,095.9	20,057
cyhalofop-butyl	12,813.6	608
cymoxanil	6,927.58	2,390
cypermethrin	27,710.76	883
zeta-cypermethrin	3,956.56	6,045
cyprodinil	138,287.45	18,499
cyromazine	3,507.35	2,657
cytokinin (as kinetin)	<0.01	8
2,4-d	6,859.82	294
2,4-d, alkanolamine salts (ethanol and isopropanol amines)	1.32	N/A
2,4-d, butoxyethanol ester	3,343.82	32
2,4-dichlorophenoxyacetic acid, choline salt	10,988.67	309
2,4-d, diethanolamine salt	3,383.06	404
2,4-d, dimethylamine salt	356,570.15	8,358
2,4-d, 2-ethylhexyl ester	20,342.12	350
2,4-d, isooctyl ester	372.92	10
2,4-d, isopropyl ester	12,813.94	7,210
2,4-d, triethylamine salt	0.3	1
2,4-d, triisopropanolamine salt	491.37	N/A
2,4-d, triisopropylamine salt	118.8	N/A
daminozide	4,619.06	3,747
dazomet	22,048.09	1
4-(2,4-db), dimethylamine salt	76,987.89	1,292
ddvp	4,472.54	2
ddvp, other related	153.21	2
2,4-decadienoic acid, ethyl ester, (2e,4z)-	48.27	55
(e)-5-decenol	1.92	74
(e)-5-decen-1-ol	50.91	55
(e)-5-decenyl acetate	840.26	129
alpha-decyl-omega-hydroxypoly(oxyethylene) phosphate	417.84	7
decyl phenoxy benzene disulfonic acid, disodium salt	843.31	876
deet	15.17	8
deet, other related	0.08	7
deltamethrin	16,084.86	25
deltamethrin, other related	<0.01	N/A
derivated natural polymers	48.03	50
desmedipham	13.18	2
device microwave	3.0	N/A
dextrin	0.44	N/A
n-dialkyl (60%c14, 30%c16, 5%c12, 5%c18) methyl benzyl ammonium chloride	4.19	1

Chemical	Pounds Applied	Apps
diallyl disulfide	25.92	2
diammonium phosphate	14.55	N/A
diatomaceous earth	395,702.6	2,772
diatomaceous earth, other related	4.65	N/A
diazinon	45,569.01	834
1,3-dibromo-5,5-dimethylhydantoin	49.0	N/A
2,2-dibromo-3-nitrilopropionamide	23,449.79	N/A
dicamba	1,058.13	238
dicamba, diethanolamine salt	<0.01	N/A
dicamba, dimethylamine salt	11,653.62	465
dicamba, dimethylamine salt, other related	23.3	N/A
dicamba, potassium salt	0.01	N/A
dicamba, sodium salt	4,252.49	562
dichlobenil	79,751.33	N/A
1,3-dichloro-5,5-dimethylhydantoin	15,898.74	N/A
1,3-dichloro-5-ethyl-5-methylhydantoin	8,682.8	N/A
dichloroisocyanuric acid, potassium salt	0.02	1
1,3-dichloropropene	11,678,006.41	2,769
dicloran	21,464.63	1,459
dicofol	205.28	5
didecyl dimethyl ammonium chloride	1,041.54	280
diethanolamine	373.11	201
diethylene glycol	236,481.89	30,838
diethylene glycol abietate	0.04	N/A
difenacoum	<0.01	N/A
difenoconazole	63,753.45	16,054
difethialone	16.22	15
diflubenzuron	31,713.09	6,892
diflufenzopyr, sodium salt	1,147.31	423
diglycerides of fatty acids	10.06	N/A
diglycolamine salt of 3,6-dichloro-o-anisic acid	35,129.52	1,753
diiodomethyl p-tolyl sulfone	385.83	N/A
2-(2-(p-(diisobutyl) phenoxy) ethoxy) ethyl dimethylbenzyl ammonium chloride	1.05	3
dikegulac sodium	11,790.42	192
dimethenamid-p	16,211.98	1,278
dimethoate	149,535.3	7,514
dimethomorph	22,249.17	11,630
dimethyl alkyl tertiary amines	6,233.1	22,669
dimethyl and methyl naphthalene sulfonic acid, sodium salt	0.3	N/A
dimethyl dicocoalkyl ammonium salt with naphthalenesulfonic acid, formaldehyde condensate	90.8	48

Chemical	Pounds Applied	Apps
5,5-dimethylhydantoin	4,663.7	N/A
1,4-dimethylnaphthalene	273.88	N/A
3,7-dimethyl-6-octen-1-ol	61.72	163
dimethyl phthalate	0.28	6
dimethylpolysiloxane	228,383.83	146,786
dimethyl silicone fluid emulsion	2,176.54	18,974
dimethyl soya amine	2.39	3
dinocap	<0.01	1
alpha-(ortho,para-dinonylphenyl)-omega-hydroxypolyoxy(ethylene) phosphate	0.2	2
dinoseb	3.36	4
dinotefuran	78,911.06	4,545
dioctyl dimethyl ammonium chloride	5,380.54	19
dioctyl phthalate	3.86	2
diphacinone	115.8	3,375
diphacinone, sodium salt	1.29	N/A
dipropylene glycol	0.07	N/A
dipropylene glycol methyl ether	299.27	420
dipropyl isocinchomeronate	1.93	7
diquat dibromide	98,586.11	5,936
disodium lauryl sulfosuccinate	0.99	N/A
disodium octaborate anhydrous	626.09	N/A
disodium octaborate tetrahydrate	280,136.67	57
disodium phosphate	1,204.1	61
disulfoton	3.87	N/A
dithiopyr	57,373.13	1,342
diuron	163,033.37	4,483
e,e-8,10-dodecadien-1-ol	1,214.46	436
z-8-dodecenol	92.83	3,186
e-8-dodecenyl acetate	537.85	3,186
z-8-dodecenyl acetate	8,205.93	3,186
dodecylbenzene sulfonic acid	3,484.85	7,495
dodecylbenzene sulfonic acid, calcium salt	148.38	2,387
dodecyl dimethyl betaine	12.28	44
dodecyl guanidine hydrochloride	47.25	N/A
alpha-dodecyl-omega-hydroxypoly(oxyethylene)	3,756.17	548
alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	21,846.11	20,173
dodine	2,322.2	63
2-(2,4-dp), dimethylamine salt	0.21	1
2,4-dp-p, dimethylamine salt	71.98	3
2,4-dp-p, isoctyl ester	209.97	4
edta	2,472.47	2,322

Chemical	Pounds Applied	Apps
edta, tetrasodium salt	217.01	7,523
(e,e)-9, 11-tetradecadien-1-yl acetate	0.4	11
emamectin benzoate	2,898.85	12,708
emulsifiable methylated vegetable oil	189,603.0	22,007
emulsifiable polyethylene	8.46	240
endosulfan	230.88	5
endothall, dipotassium salt	90,455.14	1
endothall, disodium salt	9,268.09	N/A
endothall, mono [n,n-dimethyl alkylamine] salt	70,390.88	2
endrin	0.38	1
epn	15.59	1
epoxidized soybean oil	4.2	1
eptc	173,257.29	1,272
esbiothrin	0.05	N/A
esfenvalerate	44,150.45	18,597
essential oils	0.66	35
ethalfluralin	35,979.44	597
ethanolamine	985.58	691
ethephon	348,492.66	8,783
etofenprox	811.83	N/A
ethofumesate	12,386.65	187
ethoprop	7,791.51	193
ethyl alcohol	148.26	37
ethylene	897.94	201
ethylene dibromide	1.85	N/A
ethylene glycol	36,432.01	5,566
ethylene glycol monomethyl ether	1,615.38	412
etoxazole	66,291.86	11,143
famoxadone	3,706.78	1,046
farnesol	24.72	163
fatty acids, methyl esters	258,118.15	6,008
fatty acids, mixed	181,936.61	44,077
fatty acids, c16-18 and c18-unsaturated, branched and linear	1,624.1	3,190
fatty acids, c16-c18 and c18-unsaturated, methyl esters	459,224.0	36,205
fatty acids derived from tallow	18,265.19	6,418
fenamidone	21,276.09	8,214
fenarimol	6.49	14
fenazaquin	41,704.63	1,452
fenbuconazole	7,354.22	1,582
fenbutatin-oxide	3,747.63	212
fenhexamid	66,892.4	5,810
fenoxaprop-p-ethyl	8.51	5

Chemical	Pounds Applied	Apps
fenoxycarb	0.17	4
fenpropathrin	52,817.04	6,841
fenpyroximate	27,748.29	6,028
fenthion	<0.01	N/A
fenvalerate	2.03	N/A
fenugreek	0.13	1
ferric sodium edta	5,866.16	363
ferric sulfate (anhydrous)	2.36	N/A
ferrous sulfate	0.27	3
ferrous sulfate (monohydrate)	8.0	N/A
fipronil	19,710.46	2
fish oil	2,561.37	12
flazasulfuron	1,372.54	2,838
flonicamid	39,092.37	13,347
florasulam	0.14	N/A
fluazifop-butyl	122.78	10
fluazifop-p-butyl	20,386.54	2,255
fluazinam	3,977.52	121
flubendiamide	352.43	414
fludioxonil	44,368.88	10,664
fluensulfone	3,954.98	39
flumioxazin	94,022.62	16,788
flumiclorac-pentyl	31.0	8
fluopicolide	6,194.08	5,931
fluopyram	125,635.83	32,393
fluoxastrobin	15.52	22
flupyradifurone	64,583.62	19,969
flurecol-methyl	24.08	N/A
fluridone	11,370.6	7
fluroxypyr	44.44	N/A
fluroxypyr, 1-methylheptyl ester	578.13	24
flurprimidol	2,157.95	313
flutianil	5.51	12
flutolanil	5,029.39	40
flutriafol	21,100.77	6,620
tau-fluvalinate	1,183.1	2,225
fluxapyroxad	54,733.0	12,770
folpet	<0.01	N/A
foramsulfuron	145.25	39
forchlorfenuron	266.35	881
formaldehyde	8,695.65	1
formetanate hydrochloride	33,662.64	1,389
formic acid	6,568.46	13

Chemical	Pounds Applied	Apps
fosetyl-al	157,430.53	7,861
fox urine	1.45	N/A
free fatty acids and/or amine salts	1,060.06	32
freon 12	20.21	N/A
gamma-cyhalothrin	369.89	17
garlic	1,555.77	1,734
geraniol	61.72	163
gibberellins	29,027.11	17,395
gliocladium virens gl-21 (spores)	135.62	24
glufosinate-ammonium	2,457,481.38	80,724
glutaraldehyde	92,170.49	35
glycerine	41.08	10
glycerol	112,227.05	16,033
glycolic acid	0.58	N/A
glyphosate	21.07	N/A
glyphosate, diammonium salt	4,264.59	73
glyphosate, dimethylamine salt	229,370.1	2,200
glyphosate, isopropylamine salt	5,705,954.52	80,449
glyphosate, monoammonium salt	8,696.19	38
glyphosate, potassium salt	6,464,485.18	92,015
gs-omega/kappa-hctx-hv1a (versitide peptide)	1,423.44	2,055
halosulfuron-methyl	10,959.97	3,375
2-heptadecyl-1-hydroxyethyl-imidazolinium hydrochloride	0.02	3
heptamethyltrisiloxane ethoxylated	55,737.41	12,676
heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	90,053.81	25,978
heptyl butyrate	11.74	N/A
(z,e)-7,11-hexadecadien-1-yl acetate	0.33	3
(z,z)-7,11-hexadecadien-1-yl acetate	0.33	3
(z)-9-hexadecenal	0.02	N/A
(z)-11-hexadecen-1-yl acetate	92.18	335
(z)-11-hexadecenal	92.18	335
(z,z)-11,13-hexadecadienal	1,510.84	1,925
hexaflumuron	3.74	N/A
hexahydric alcohol	12.03	1
hexanoic acid	0.02	N/A
hexazinone	60,375.44	1,488
hexylene glycol	2,581.58	N/A
hexythiazox	77,210.83	9,707
humic acid	4,895.36	2,322
hydramethylnon	147.1	295
hydrogen chloride	1,058.72	3

Chemical	Pounds Applied	Apps
hydrogen cyanamide	639,730.81	1,387
hydrogen peroxide	564,034.6	13,277
hydroprene	2,667.39	18
hydrotreated paraffinic solvent	1,033.12	18
n-(2-hydroxyethyl)ethylenediaminetriacetic acid, trisodium salt	0.01	N/A
2-hydroxypropyl guar gum	77.97	44
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	116,748.95	25,070
hypochlorous acid	0.01	N/A
iba	31.37	1,519
imazalil	31,198.29	8
imazalil sulfate	13,172.05	N/A
imazamox, ammonium salt	5,526.92	1,858
imazapic, ammonium salt	1.63	N/A
imazapyr	46.68	N/A
imazapyr, isopropylamine salt	54,663.0	1,723
imazethapyr, ammonium salt	5,475.05	1,211
imazosulfuron	5,109.32	444
imidacloprid	378,619.41	53,324
imiprothrin	<0.01	N/A
indaziflam	41,661.54	28,788
indole	0.06	N/A
indoxacarb	32,032.79	12,663
iodine	7.6	2
3-iodo-2-propynyl butylcarbamate	1,415.37	N/A
iodosulfuron-methyl-sodium	1.58	N/A
ipconazole	2.25	N/A
iprodione	79,167.1	8,841
iron hedta	185.05	N/A
iron phosphate	3,541.03	1,348
isodecyl alcohol	91.32	52
alpha-isodecyl-omega-hydroxypoly(oxyethylene)	1,534.61	946
alpha-isodecyl-omega-hydroxypoly(oxyethylene) phosphate	26,661.28	2,320
isofetamid	8,867.26	961
alpha-isoctadecyl-omega-hydroxypoly(oxyethylene)	5,500.35	N/A
isooctyl phthalate	1,637.64	410
isoparaffinic hydrocarbons	1,356.98	19
isopropyl alcohol	44,920.12	40,640
isopropylamine dodecylbenzene sulfonate	3,651.61	5,649
isoxaben	32,316.12	4,858
kaolin	2,957,863.41	3,313

Chemical	Pounds Applied	Apps
kasugamycin hydrochloride	3,592.2	1,027
kerosene	43.54	1
kinoprene	2.35	4
(s)-kinoprene	478.49	833
kresoxim-methyl	16,814.73	2,697
lactic acid	19.3	N/A
lactose	7,389.11	3,203
lambda-cyhalothrin	112,010.28	75,396
laminarin	25.3	84
lauric acid	3,787.09	2,151
lauryl alcohol	437.41	184
lauryl dimethylamine oxide	78.86	79
lavandulyl senecioate	3,321.73	5,564
lecithin	895,722.73	83,671
lignin sulfonic acid	9.12	12
lignin sulfonic acid, copper salt	1.01	N/A
lignin sulfonic acid, zinc salt	754.72	31
lime-sulfur	1,399,157.62	2,978
limonene	57,299.11	2,180
linalool	0.23	N/A
lindane	19.8	N/A
linuron	47,996.54	3,403
low molecular weight paraffinic oil	30,310.1	8,133
magnesium chloride	11.3	N/A
magnesium phosphide	8,308.13	2
magnesium sulfate	<0.01	1
malathion	355,405.54	10,006
maleic hydrazide	0.12	N/A
maleic hydrazide, potassium salt	7,198.42	85
mancozeb	1,557,453.1	34,559
mandipropamid	31,059.85	22,802
maneb	865.03	54
manganese sulfate	388.82	77
margosa oil	38,846.5	3,183
mcpa, dimethylamine salt	88,099.14	2,810
mcpa, 2-ethyl hexyl ester	203.39	7
mcpa, isooctyl ester	1,242.0	N/A
mcpp	50.17	5
mcpp, diethanolamine salt	2.14	N/A
mcpp, dimethylamine salt	50.98	6
mcpp, potassium salt	10.02	30
mcpp-p, dimethylamine salt	1,039.22	26
mcpp-p, potassium salt	520.92	11

Chemical	Pounds Applied	Apps
mecoprop-p	2,498.12	223
mefenoxam	96,663.35	16,467
mefenoxam, other related	96.74	5,469
mefluidide, diethanolamine salt	60.65	N/A
mepiquat chloride	7,773.91	2,917
mesosulfuron-methyl	201.71	296
mesotrione	18,998.12	2,870
meta-cresol	1.07	6
metaflumizone	364.22	5,946
metalaxyl	1,422.62	94
metaldehyde	34,468.52	4,699
metam-sodium	4,326,370.13	601
metarhizium anisopliae strain f52	0.26	2
metconazole	59,226.32	8,835
methidathion	0.31	N/A
methiocarb	1,327.12	470
methomyl	258,100.22	23,604
methoprene	1,682.72	16
s-methoprene	4,177.63	1,704
methoxyfenozide	599,667.27	39,352
methyl anthranilate	1,388.35	240
methylated fatty acids from canola oil	240,647.19	3,217
methylated silica	111.33	159
methylated soybean oil	2,745,701.0	134,025
methyl bromide	1,685,379.41	391
2-methyl-1-butanol	1.19	N/A
methyl cellulose	3.8	2
1-methylcyclopropene	0.27	N/A
methyl-2,7-dichloro-9-hydroxyfluorene-9-carboxylate	18.35	N/A
methylene chloride	11.12	N/A
methylene bis(thiocyanate)	1.74	4
methyl esters of cottonseed oil	633.12	14
methyl eugenol	500.02	N/A
(3s, 6r)-3-methyl-6-isopropenyl-9-decen-1-yl acetate	50.47	2,025
(3s, 6s)-3-methyl-6-isopropenyl-9-decen-1-yl acetate	50.47	2,025
2-methyl-4-isothiazolin-3-one	4,574.2	N/A
methyl isothiocyanate	78.96	N/A
methyl nonyl ketone	0.22	N/A
n-methyl-n-oleoyltaurine, sodium salt	68.74	26
methyl parathion	74.13	5
methyl parathion, other related	0.02	1
methyl silicone resins	96,722.39	16,835
metiram	11.33	N/A

Chemical	Pounds Applied	Apps
metofluthrin	8.02	N/A
metolachlor	41,897.76	379
s-metolachlor	302,315.93	4,739
metrafenone	57,100.36	7,025
metribuzin	33,572.58	1,374
mevinphos	18.51	1
mevinphos, other related	12.34	1
milbemectin	0.04	1
mineral oil	43,640,090.48	156,859
modified phthalic glycerol alkyd resin	126,980.53	17,478
molasses	34,732.56	94
molinate	4.01	N/A
monuron	0.06	N/A
morpholine	709.76	412
msma	4,229.96	30
muscalure	14.27	4
muscodor albus strain sa13	270.0	1
myclobutanil	42,385.55	15,604
myristyl alcohol	88.8	184
myrothecium verrucaria, dried fermentation solids & solubles, strain aarc-0255	22,057.03	353
naa	20.37	755
naa, ammonium salt	256.79	76
naa, ethyl ester	7,899.18	39
naa, potassium salt	599.21	145
nabam	1,082.42	N/A
naled	203,316.48	4,974
naphtha, heavy aromatic	0.05	N/A
1-naphthaleneacetamide	10.8	6
naphthalenesulfonic acid, formaldehyde condensate, sodium salt	15.25	266
napropamide	15,875.48	1,131
natamycin	287.97	3
nerolidol	61.72	163
nicarbazin	55.25	N/A
nicosulfuron	670.68	528
nonanoic acid	13,721.0	191
nonanoic acid, other related	721.85	188
4-nonylphenol, formaldehyde resin, propoxylated	167,398.13	42,946
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	2,117,713.66	238,167
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	32,047.51	7,834

Chemical	Pounds Applied	Apps
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	249,135.38	33,601
nonyl phenoxy polyoxyethylene ethanol-iodine complex	0.01	N/A
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene) sulfate, ammonium salt	864.38	188
norflurazon	3,393.33	154
nosema locustae spores	<0.01	5
novaluron	20,309.47	6,985
noviflumuron	18.45	N/A
octhilinone	43,661.54	N/A
n-octyl bicycloheptene dicarboximide	16,329.42	21
octyl decyl dimethyl ammonium chloride	1,198.13	19
alpha-octylphenyl-omega-hydroxypoly(oxyethylene)	5,449.83	2,186
oil of black pepper	0.19	N/A
oil of citronella	1.09	N/A
oil of orange	506.26	2,114
oleic acid	82,636.25	21,806
oleic acid, ethyl ester	329,975.48	30,904
oleic acid, methyl ester	1,114,417.5	17,845
orchex 796 oil	1,054.17	31
organo/modified polysiloxane	60.8	826
organosilicone, poly oxyalkylene ether copolymer	6,547.74	1,362
oryzalin	131,421.67	2,249
oxadiazon	3,160.37	239
oxalic acid	0.14	3
oxamyl	63,309.55	1,650
oxathiapiprolin	2,315.43	7,687
oxirane, 2-methyl-, polymer with oxirane, mono(2-ethylehexyl) ether	503.41	266
oxydemeton-methyl	0.76	N/A
oxyfluorfen	952,743.62	67,906
oxypurinol	<0.01	N/A
oxytetracycline, calcium complex	2,711.62	442
oxytetracycline hydrochloride	5,589.5	896
oxytetracycline hydrochloride, other related	50.99	894
paclobutrazol	10,923.18	7,201
paecilomyces fumosoroseus apopka strain 97	8,646.02	3,750
purpureocillium lilacium strain 251	3,416.95	396
paraffin wax	0.02	N/A
paraquat dichloride	854,428.72	15,384
parathion	11.06	3
pcnb	45,784.17	224
pcp, other related	1.03	8

Chemical	Pounds Applied	Apps
pendimethalin	2,440,988.98	31,111
penflufen	15.43	N/A
penoxsulam	6,992.88	4,753
pentachlorophenol	9.17	8
pentane	0.62	N/A
penthiopyrad	128,649.68	14,032
permethrin	162,533.11	38,898
permethrin, other related	0.27	N/A
peroxyacetic acid	244,977.82	12,170
petroleum distillates	2,106.57	132
petroleum distillates, aliphatic	252.82	6
petroleum distillates, aromatic	14.04	2
petroleum distillates, refined	209.47	25
petroleum hydrocarbons	117.08	15
petroleum oil, paraffin based	193,026.61	501
petroleum oil, unclassified	279,392.71	433
phenmedipham	176.91	54
phenol	0.45	1
phenol, ferrous salt	0.06	N/A
phenothrin	1,422.5	N/A
phenothrin, other related	0.11	N/A
phenylethyl propionate	15.18	N/A
ortho-phenylphenol	88.0	34
phorate	17,840.85	274
phosmet	32,075.46	448
phosphine	83,254.69	N/A
phosphoric acid	181,666.6	64,696
phosphoric acid, monopotassium salt	275.22	5
phosphorus	0.16	N/A
picaridin	0.96	N/A
picloram	0.03	N/A
picoxystrobin	10.77	9
pindone	<0.01	N/A
beta-pinene polymer	1,283.19	129
pine oil	14.14	1
pinoxaden	1,180.21	315
piperalin	337.61	243
piperine	0.07	N/A
piperonyl butoxide	66,790.75	2,048
piperonyl butoxide, other related	6,206.98	1,603
polyacrylamide, polyethylene glycol mixture	9,102.87	2,288
polyacrylamide polymer	13,995.54	26,885
polyacrylic polymer	3,723.26	8,060

Chemical	Pounds Applied	Apps
polyalkene oxide modified heptamethyl trisiloxane	42,871.87	36,086
polyalkyleneoxide modified polydimethyl-siloxane	45,767.03	5,223
polybutenes	95,208.16	36,084
poly(oxy-1,2-ethanediyl), alpha-isodecyl-omega-hydroxy-phosphate, potassium salt	9,442.75	2,072
polyether modified polysiloxane	98,038.46	37,942
polyethoxylated castor oil	20,305.96	9,989
polyethoxy polypropoxy polyethoxy ethanol - iodine complex	0.15	N/A
polyethylene glycol	135,905.6	23,992
polyethylene glycol diacetate	482.0	1,071
polyethylene glycol ditallate	6.45	99
polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	60,096.06	10,569
polyethylene glycol oleate	210.27	48
polyethylene glycol stearate	81,378.28	30,894
polyhedral occlusion bodies (ob's) of the nuclear polyhedrosis virus of helicoverpa zea (corn earworm)	32.39	403
polyoxyethylene polyol fatty acid esters	4,209.77	912
poly-i-para-menthene	4,430.7	867
polymeric terpenes	1,522.85	175
polymerized acrylic acid	716.79	57
polymerized pinene	74,920.68	4,343
polyoxin d, zinc salt	11,801.79	7,490
poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	522.18	1,429
polyoxyethylene cetyl-stearyl ether	1,043.37	1,650
poly(oxyethylene) (dimethylimino) ethylene (dimethylimino) ethylene dichloride	765.42	1
polyoxyethylene dioleate	906.96	1,334
polyoxyethylene mixed fatty acid ester	2,412.84	666
polyoxyethylene polyoxypropylene	142,188.55	27,796
poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	19,655.71	12,793
polyoxyethylene polyoxypropylene monobutyl ether	8.4	1
polyoxyethylene sorbitol, mixed ether ester	60,889.81	3,740
polyoxyethylene sorbitan mixed fatty acid esters	28,299.69	282
polyoxyethylene sorbitan monolaurate	14,075.34	1,264
polyoxyethylene sorbitan monooleate	64,259.92	7,545
polyoxyethylene sorbitan trioleate	69,059.95	5,905
polyoxyethylene soybean oil fatty acid ester	145,890.85	8,731
polyoxyethylene tall oil fatty acid ester	308.2	142
polypropylene glycol	121.49	3,143
polysaccharide polymer	16.11	322

Chemical	Pounds Applied	Apps
polysiloxane	3,104.05	425
polysorbate 65	14,108.83	4,791
potash soap	189,936.21	8,366
potassium bicarbonate	313,835.37	6,378
potassium carbonate	5.04	5
potassium hydroxide	5,260.92	8,483
potassium n-methyldithiocarbamate	9,000,088.5	3,483
potassium nitrate	9,375.16	2,082
potassium permanganate	11.88	1
potassium peroxymonosulfate	1,190.18	56
potassium phosphite	1,408,631.07	23,426
potassium salt of hop beta acids	20.01	3
potassium silicate	51,209.17	1,166
potassium sorbate	2.85	N/A
prallethrin	792.72	4
prodiamine	52,677.96	1,873
prodiamine, other related	2.8	N/A
prohexadione-calcium	1,562.42	266
prometon	0.05	N/A
prometryn	47,513.45	4,241
propamocarb	551.07	N/A
propamocarb hydrochloride	72,816.67	6,643
propanil	2,065,019.26	5,595
propargite	225,196.79	2,010
propazine	92.89	2
propetamphos	1.41	N/A
propiconazole	123,783.2	18,735
propionic acid	173,241.63	38,078
propoxur	5.19	N/A
propylene glycol	103,530.95	39,459
propylene glycol, methyl ether	11.84	6
propylene oxide	271,227.82	N/A
propyzamide	118,920.67	11,761
pseudomonas chlororaphis subsp. aurantiaca strain afs009	3,386.74	48
pseudomonas fluorescens, strain a506	37.96	9
putrescent whole egg solids	6.37	N/A
pydiflumetofen	2,200.97	385
pymetrozine	4,625.46	3,753
pyraclostrobin	128,798.03	35,918
pyraflufen-ethyl	2,845.37	18,868
pyrethrins	17,051.16	19,843
pyridaben	2,481.26	675

Chemical	Pounds Applied	Apps
pyridalyl	463.74	1,019
pyrifluquinazon	110.68	617
pyrimethanil	76,209.5	5,905
pyriofenone	4,705.6	3,229
pyriproxyfen	22,314.48	8,946
pyrithiobac-sodium	251.35	169
pyroxsulam	1,825.62	2,289
qst 713 strain of dried bacillus subtilis	19,019.62	13,892
quillaja	1,258.83	2,822
quinclorac	407.67	5
quinclorac, dimethylamine salt	1,842.25	16
quinoxifen	40,195.09	13,867
red cabbage color	103.71	159
resmethrin	10.77	9
resmethrin, other related	0.1	1
reynoutria sachalinensis	23,759.09	10,716
rimsulfuron	38,904.92	27,895
ronnel	1.76	N/A
rotenone	0.3	33
rotenone, other related	0.36	33
sabadilla alkaloids	99.62	184
saflufenacil	39,249.54	22,908
salicylic and benzoic esters of propylene glycol	9.52	N/A
saponin	1,263.26	257
sawdust	0.18	N/A
sethoxydim	41,358.44	3,778
siduron	842.55	7
silica aerogel	4,631.29	N/A
silicone	430.09	173
silicone defoamer	143.89	8,670
silica filled polydimethylsiloxane	92.84	1,489
silver iodide, colloidal	0.02	1
silver, ionic	0.76	N/A
silver nitrate	<0.01	5
simazine	71,494.56	2,000
soap	0.26	N/A
sodium arsenate	0.02	N/A
sodium bicarbonate	0.65	1
sodium bisulfate	79.7	16
sodium bromide	298,268.59	N/A
sodium bromosulfamate, sodium chlorosulfamate, potassium bromosulfamate, potassium chlorosulfamate	3,891.32	N/A
sodium cacodylate	5.88	N/A

Chemical	Pounds Applied	Apps
sodium carbonate	9.55	3
sodium carbonate peroxyhydrate	277,895.95	208
sodium chlorate	434,515.75	456
sodium chloride	82.44	52
sodium chlorite	267,636.44	64
sodium cyanide	2,697.7	N/A
sodium decyl sulfate	2,398.67	N/A
sodium di (1-alkenyl) phenoxy benzene disulfonate	0.08	N/A
sodium dichloro-s-triazinetrione	74,052.16	1
sodium dichloro-s-triazinetrione dihydrate	22,536.87	N/A
sodium diisooctylsulfosuccinate	1,240.14	4,153
sodium dimethyl dithio carbamate	1,082.42	N/A
sodium dioctylsulfosuccinate	2.14	158
sodium fluoride	16.65	N/A
sodium hydroxide	19,452.67	10,667
sodium hypochlorite	1,178,845.76	137
sodium lauroampho acetate	1,810.31	N/A
sodium lauryl sulfate	1,223.2	N/A
sodium metabisulfite	6,272.75	N/A
sodium metaborate	136.32	N/A
sodium metaborate tetrahydrate	120.17	5
sodium metasilicate	2.45	7
sodium mono (1-alkenyl) phenoxy benzene disulfonate	0.19	N/A
sodium nitrate	9,228.31	N/A
sodium alpha-olefin (c14-c16) sulfonate	19,648.68	N/A
sodium polyacrylate	2,302.12	11,496
sodium tetraborate (pentahydrate)	252.32	N/A
sodium tripolyphosphate	1,070.96	1,355
sodium xylene sulfonate	8,734.12	11,535
sorbitan fatty acid esters	6,050.63	188
sorbitan monooleate	334.23	303
sorbitan trioleate	14,317.75	4,798
sorbitol	9,146.42	2,554
soybean fatty acids, dimethylamine salt	1.26	1
soybean oil	70,934.26	2,988
spinetoram	75,229.26	59,611
spinosad	65,091.81	33,643
spirodiclofen	58,679.24	3,035
spiromesifen	35,202.61	4,570
spirotetramat	106,778.58	54,070
starch	1.03	944
streptomyces griseoviridis strain k61	0.12	8
streptomyces lydicus wyec 108	2.39	1,591

Chemical	Pounds Applied	Apps
streptomycin	15.47	8
streptomycin sulfate	10,414.82	1,914
strychnine	519.48	2,142
styrene butadiene copolymer	16,711.47	10,548
sugar	120.07	3
sulfaquinoxaline	0.21	N/A
sulfentrazone	3,225.72	29
sulfluramid	0.04	N/A
sulfometuron-methyl	7,696.81	63
sulfosulfuron	92.23	N/A
sulfoxaflor	6,514.66	18,443
sulfoxide	<0.01	N/A
sulfoxide, other related	<0.01	N/A
sulfur	47,313,370.05	145,209
sulfur dioxide	361,466.42	11
sulfuric acid	6,072.04	5,239
sulfuryl fluoride	2,817,781.73	13
synthetic vegetable gums	2.65	2
tall oil	54,577.5	20,988
tall oil fatty acids	183,352.54	50,530
tallow bis(2-hydroxyethyl)amine	14.6	79
tartrazine	155.21	38
tcmtb	1,080.75	N/A
tebuconazole	135,775.48	21,903
tebufenozide	60.57	5
tebuthiuron	2,675.15	1
tembotrione	5,965.91	1,492
temephos	3.07	N/A
1080	0.19	7
terbutylazine	78.67	N/A
terbutryn	0.05	1
terbutryn, other related	<0.01	1
terrazole	78.44	95
tetrachloroethylene	32.34	N/A
tetrachlorvinphos	31.01	N/A
tetraconazole	6,261.54	4,983
z,e-9,12-tetradecadien-1-yl acetate	20.1	N/A
e-11-tetradecen-1-yl acetate	12.16	105
z-11-tetradecen-1-yl acetate	0.39	94
tetradecyl dimethyl betaine	4.09	44
tetrakis (hydroxymethyl) phosphonium sulfate	3,462.74	N/A
tetramethrin	6.12	3
tetramethrin, other related	<0.01	1

Chemical	Pounds Applied	Apps
alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	5,899.48	7,611
tetrapotassium pyrophosphate	536.09	7,495
thiabendazole	39,946.58	683
thiabendazole, hypophosphite salt	15.91	N/A
thiamethoxam	50,626.97	26,466
thidiazuron	10,611.39	2,815
thiencarbazone-methyl	17.88	2
thiobencarb	595,147.34	2,053
thiophanate	253.39	27
thiophanate-methyl	167,354.51	10,383
thiram	137,098.79	1,663
thyme	8.91	N/A
thyme oil	3.28	N/A
thymol	454.57	41
tolfenpyrad	1,710.69	584
topramezone	112.37	16
toxaphene	0.57	N/A
tralomethrin	0.3	N/A
triadimefon	956.57	377
triallate	286.5	3
tribenuron-methyl	2,346.91	3,577
s,s,s-tributyl phosphorotrithioate	6,545.58	114
tributyl tetradecyl phosphonium chloride	44.0	N/A
tributyltin oxide	<0.01	N/A
trichlorfon	1.83	N/A
trichlorofluoromethane	680.52	N/A
trichloro-s-triazinetrione	24,359.6	1
trichoderma harzianum rifai strain krl-ag2	80.05	1,712
trichoderma icc 012 asperellum	23.58	100
trichoderma icc 080 gamsii	23.58	100
trichoderma virens strain g-41	12.99	894
triclopyr, butoxyethyl ester	70,980.58	441
triclopyr choline	18,180.13	64
triclopyr, triethylamine salt	252,794.07	5,005
(e)-4-tridecen-1-yl-acetate	0.24	2
(z)-4-tridecen-1-yl-acetate	5.68	2
alpha-tridecyl-omega-hydroxypoly(oxyethanol) phosphate	39,317.21	14,595
triethanolamine	17,569.29	13,370
triethanolamine oleate	3,138.74	2,548
triethylene glycol	2.98	1
trifloxystrobin	90,601.63	24,062

Chemical	Pounds Applied	Apps
trifloxysulfuron-sodium	185.41	30
triflumizole	24,793.58	3,814
trifluralin	300,630.13	6,925
triflusulfuron-methyl	140.09	67
triforine	1.08	N/A
trimethylamine	0.3	N/A
alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	64,521.77	12,776
trinexapac-ethyl	9,236.55	113
triptolide	0.03	N/A
trisodium phosphate	212.35	141
triticonazole	662.24	193
ulocladium oudemansii (u3 strain)	836.24	177
alpha-undecyl-omega-hydroxypoly(oxyethylene)	542,431.52	80,293
uniconazole-p	2.06	954
urea	29,815.82	2,151
urea dihydrogen sulfate	281,544.75	12,233
urea inclusion adduct of polyoxy(ethylene)/polyoxy(propylene) block copolymer	0.02	1
vanillin	0.02	1
vegetable oil	581,767.08	3,728
(s)-verbenone	593.43	N/A
vinclozolin	114.19	1
4-vinylcyclohexenediepoxyde	2.2	N/A
vinyl ester polymer	187.82	140
vinyl polymer	2,228.46	6,604
warfarin	0.64	62
warfarin, sodium salt	0.06	2
xanthan gum	118.07	1,063
xanthine	<0.01	N/A
xylene	628.87	75
xylene range aromatic solvent	289.1	21
2,4-xylenol	1.06	6
yeast	0.31	N/A
yucca schidigera	4,934.57	335
zinc chloride	0.1	3
zinc naphthenate	0.69	N/A
zinc phosphide	3,710.31	528
zinc sulfate	2,513.66	665
zineb	36.0	N/A
ziram	542,925.23	4,812
zoxamide	797.03	126
unknown	N/A	N/A

Chemical	Pounds Applied	Apps
sodium lauryl ether sulfate	3,157.09	1,803