

2021 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
(3s, 6r)-3-methyl-6-isopropenyl-9-decen-1-yl acetate	52.82	1,980
(3s, 6s)-3-methyl-6-isopropenyl-9-decen-1-yl acetate	52.82	1,980
(e)-5-decen-1-ol	28.07	8
(e)-5-decenol	0.67	38
(e)-5-decenyl acetate	463.06	46
(e,e)-9, 11-tetradecadien-1-yl acetate	0.07	11
(s)-kinoprene	359.37	652
(s)-verbenone	14.1	N/A
(z)-11-hexadecen-1-yl acetate	293.72	1,287
(z)-11-hexadecenal	293.12	1,262
(z)-9-hexadecenal	1.49	N/A
(z,z)-11,13-hexadecadienal	1,643.73	2,297
1,3-dibromo-5,5-dimethylhydantoin	58.8	N/A
1,3-dichloro-5,5-dimethylhydantoin	25,632.14	N/A
1,3-dichloro-5-ethyl-5-methylhydantoin	14,018.46	N/A
1,3-dichloropropene	11,086,413.74	2,807
1,4-dimethylnaphthalene	410.81	N/A
1-(2-hydroxyethyl)-2-alkyl-2-imidazoline, alkyl derived from tall oil fatty acids	103.12	N/A
1-bromo-3-chloro-5,5-dimethyl hydantoin	69,265.53	14
1-methylcyclopropene	0.44	N/A
1-naphthaleneacetamide	1.37	1
1080	0.27	6
2,2-dibromo-3-nitrilopropionamide	135,034.15	N/A
2,4,5-t, butoxyethanol ester	9.1	1
2,4-d	8,787.64	313
2,4-d, 2-ethylhexyl ester	17,923.62	320
2,4-d, alkanolamine salts (ethanol and isopropanol amines)	0.41	N/A
2,4-d, butoxyethanol ester	2,405.07	21
2,4-d, diethanolamine salt	2,874.26	327
2,4-d, dimethylamine salt	330,381.93	7,114

Chemical	Pounds Applied	Apps
2,4-d, isooctyl ester	615.03	5
2,4-d, isopropyl ester	12,929.72	6,745
2,4-d, triethylamine salt	1.01	N/A
2,4-d, triisopropanolamine salt	185.81	N/A
2,4-decadienoic acid, ethyl ester, (2e,4z)-	4.08	17
2,4-dichlorophenoxyacetic acid, choline salt	27,753.69	1,038
2,4-dinitrophenol	0.04	N/A
2,4-dp-p, dimethylamine salt	29.05	1
2,4-dp-p, isooctyl ester	1,724.24	105
2,4-xylenol	1.27	10
2-(2,4-dp), dimethylamine salt	0.01	N/A
2-(2-(p-(diisobutyl) phenoxy) ethoxy) ethyl dimethylbenzyl ammonium chloride	1.45	3
2-(2-butoxy ethoxy) ethyl thiocyanate	<0.01	1
2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	109,954.87	21,875
2-butoxyethanol	3,022.63	1,435
2-ethylhexyl sulfate, sodium salt	3.95	1
2-hydroxyethyl octyl sulfide	<0.01	N/A
2-methyl-1-butanol	1.55	N/A
2-methyl-4-isothiazolin-3-one	19,114.78	N/A
3,7-dimethyl-6-octen-1-ol	59.84	193
3-(trihydroxysilyl) propyl dimethyl octadecyl ammonium chloride	0.31	N/A
3-(trimethoxysilyl) propyldimethyloctadecyl ammonium chloride	1.06	N/A
3-chloro-p-toluidine hydrochloride	0.01	8
3-iodo-2-propynyl butylcarbamate	1,403.11	N/A
4-(2,4-db), dimethylamine salt	63,669.13	1,178
4-aminopyridine	19.27	N/A
4-nonylphenol, formaldehyde resin, propoxylated	376,646.93	36,697
4-vinylcyclohexenediepoxyde	1.13	N/A
5,5-dimethylhydantoin	13,273.61	N/A
5-chloro-2-methyl-4-isothiazolin-3-one	53,818.69	N/A
abamectin	45,933.09	65,360
abamectin, other related	0.03	N/A
acephate	121,279.85	11,752
acequinocyl	15,200.73	1,950
acetamiprid	61,068.71	23,483
acetic acid	285.93	259
acibenzolar-s-methyl	3,183.93	10,793
acid blue 9, diammonium salt	1,314.27	21
acifluorfen, sodium salt	<0.01	N/A
acrolein	50,252.75	10

Chemical	Pounds Applied	Apps
acrylamide/sodium acrylate copolymer	1,776.89	358
acrylic acid	11,443.91	2,778
afidopyropen	6,212.62	7,940
agrobacterium radiobacter	48.81	109
alachlor	9.02	1
alcohol alkoxyate	0.15	2
alcohol ethoxylate phosphate ester	0.42	1
alcohols, c12 - c13, ethoxylated	344.11	6
alcohols, c12-c14, aliphatic	693.21	N/A
alkyl (50%c12, 30%c14, 17%c16, 3%c18) dimethylethylbenzyl ammonium chloride	1.34	N/A
alkyl (50%c14, 40%c12, 10%c16) dimethylbenzyl ammonium chloride	17,687.25	73
alkyl (50%c14, 40%c12, 10%c16) dimethylbenzyl ammonium saccharinate	<0.01	N/A
alkyl (58%c14, 28%c16, 14%c12) dimethylbenzyl ammonium chloride	2.64	4
alkyl (60%c14, 30%c16, 5%c12, 5%c18) dimethylbenzyl ammonium chloride	14,948.25	171
alkyl (61%c12,23%c14,11%c16,2.5%c8 & c10,2.5%c18) dimethyl benzyl ammonium chloride	1.3	N/A
alkyl (67%c12, 25%c14, 7%c16, 1%c18) dimethylbenzyl ammonium chloride	574.93	N/A
alkyl (68%c12, 32%c14) dimethylethylbenzyl ammonium chloride	5,821.35	144
alkyl (as in fatty acids of coconut oil) monoethanolamide	3.66	N/A
alkyl (c10-16) dimethyl amine oxide	120.11	10
alkyl (c8,c10) polyglucoside	114,712.57	22,063
alkyl (c9-c11) oligomeric d-glucopyranoside	3,832.07	2,249
alkyl and alkylaryl poly (oxyethylene) glycols, mixed	3,239.8	462
alkyl benzene sulfonic acid	1.34	1
alkyl(42%c12, 26%c18, 15%c14, 8%c16, 5%c10, 4%c8)1,3-propylenediamine	161,577.56	N/A
alkylaryl sulfonates	0.26	2
allethrin	2.48	9
allyloxypolyethylene glycol acetate	2,294.35	621
almond, bitter	<0.01	1
alpha-(ortho,para-dinonylphenyl)-omega-hydroxypolyoxy(ethylene) phosphate	0.28	2
alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	21,689.34	19,468
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene) sulfate, ammonium salt	390.41	195

Chemical	Pounds Applied	Apps
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	1,818,977.7	209,253
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	49,946.73	8,382
alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	163,696.73	29,481
alpha-(para-tert-butylphenyl)-omega-hydroxypoly(oxyethylene) phosphate	22,974.07	3,640
alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	75,966.75	12,961
alpha-alkyl (c10-c14)-omega-hydroxypoly(oxyethylene)	492.84	129
alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	53,595.07	4,333
alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	41,080.42	6,038
alpha-alkyl (c12-c15)-omega-hydroxypoly(oxyethylene) sulfate, sodium salt	6,804.9	1,688
alpha-alkyl (c12-c16)-omega-hydroxypoly(oxyethylene)	58.39	6
alpha-alkyl (c8-c18)-omega-hydroxypoly(oxyethylene) poly(oxypropylene)	24.4	42
alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	145,850.04	42,877
alpha-alkyl (c9-c16)-omega-hydroxypoly(oxyethylene)	117,315.74	12,162
alpha-alkyl (c9-c18)-omega-hydroxypoly(oxyethylene)	736.87	231
alpha-alkyl (mixed)-omega-hydroxypoly (oxyethylene) sulfate	11.73	N/A
alpha-alkyl (secondary c11-c15)-omega-hydroxypoly(oxyethylene)	13,939.06	997
alpha-alkyl (secondary c12-c14)-omega-hydroxypoly(oxyethylene)	139,499.56	31,277
alpha-alkyl-omega-hydroxypoly(oxyethylene)	5.55	1
alpha-alkylaryl-omega-hydroxypoly(oxyethylene)	1,208.37	358
alpha-alkylaryl-omega-hydroxypoly(oxyethylene) phosphate	0.83	1
alpha-alkylphenyl-omega-hydroxypoly(oxyethylene)	16.94	7
alpha-cypermethrin	893.01	46
alpha-decyl-omega-hydroxypoly(oxyethylene) phosphate	452.26	9
alpha-dodecyl-omega-hydroxypoly(oxyethylene)	5,250.49	943
alpha-isodecyl-omega-hydroxypoly(oxyethylene)	1,742.85	1,002
alpha-isodecyl-omega-hydroxypoly(oxyethylene) phosphate	26,076.41	2,252
alpha-isooctadecyl-omega-hydroxypoly(oxyethylene)	740.17	N/A
alpha-octylphenyl-omega-hydroxypoly(oxyethylene)	3,803.05	1,416
alpha-pinene beta-pinene copolymer	189,361.13	25,546
alpha-tridecyl-omega-hydroxypoly(oxyethanol) phosphate	33,657.95	13,865
alpha-undecyl-omega-hydroxypoly(oxyethylene)	488,513.93	73,643

Chemical	Pounds Applied	Apps
alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene) phosphate ester	16.88	3
alpha-[para-(1,1,3,3-tetramethylbutyl)phenyl]-omega-hydroxypoly(oxyethylene)	2,808.35	4,703
aluminum hydroxide	4.17	1
aluminum phosphide	130,536.07	1,483
ametoctradin	16,859.41	6,503
amino ethoxy vinyl glycine hydrochloride	2,266.74	771
aminocyclopyrachlor	123.12	N/A
aminocyclopyrachlor, potassium salt	3,723.57	1
aminopyralid, triisopropanolamine salt	22,867.8	531
amitraz	46.12	9
ammonium citrate	16.01	3
ammonium nitrate	73,201.53	22,831
ammonium nonanoate	9,006.27	122
ammonium propionate	78,835.63	14,974
ammonium sulfate	1,015,193.93	70,360
ammonium tall oil fatty acid soap	0.08	1
ammonium thiocyanate	40.82	1
amyl acetate	631.59	5,080
ancymidol	0.28	613
aromatic 200	58,696.71	3,240
aspergillus flavus strain af36	24.31	3,059
atrazine	15,941.12	231
atrazine, other related	306.04	231
aureobasidium pullulans strain dsm 14940	2,208.72	344
aureobasidium pullulans strain dsm 14941	2,208.72	344
azadirachtin	6,645.22	27,937
azoxystrobin	252,486.46	31,578
bacillus amyloliquefaciens strain d747	220,056.37	5,983
bacillus amyloliquefaciens strain f727	17,863.02	562
bacillus amyloliquefaciens strain mbi 600	1,594.6	763
bacillus firmus (strain i-1582)	7.0	N/A
bacillus mycoides isolate j	177.79	405
bacillus pumilus, strain qst 2808	8,700.53	5,765
bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins	7,195.59	N/A
bacillus subtilis gb03	1.96	2
bacillus subtilis strain iab/bs03	165.85	750
bacillus thuringiensis (berliner)	20.96	166
bacillus thuringiensis (berliner), subsp. aizawai, gc-91 protein	56,006.37	5,111
bacillus thuringiensis (berliner), subsp. aizawai, serotype h-7	81.63	232

Chemical	Pounds Applied	Apps
bacillus thuringiensis (berliner), subsp. israelensis, serotype h-14	5,596.44	124
bacillus thuringiensis (berliner), subsp. kurstaki strain sa-12	413.94	154
bacillus thuringiensis (berliner), subsp. kurstaki, serotype 3a,3b	6.86	43
bacillus thuringiensis (berliner), subsp. kurstaki, strain eg 2348	0.12	2
bacillus thuringiensis (berliner), subsp. kurstaki, strain sa-11	118,208.1	7,143
bacillus thuringiensis ssp kurstaki, strain evb 113 19	18,136.66	927
bacillus thuringiensis subsp. israelensis, strain sum-6218	0.14	N/A
bacillus thuringiensis subspecies kurstaki, genetically engineered strain eg7841 lepidopteran active toxin	15,633.28	2,908
bacillus thuringiensis, subsp. aizawai, strain abts-1857	146,273.09	18,928
bacillus thuringiensis, subsp. aizawai, strain sd-1372, lepidopteran active toxin(s)	6.34	29
bacillus thuringiensis, subsp. israelensis, strain am 65-52	67,895.69	2,017
bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	127,211.86	13,402
bacillus thuringiensis, subsp. kurstaki, strain hd-1	26.78	66
bacillus thuringiensis, var. kurstaki delta endotoxins cry 1a(c) and cry 1c (genetically engineered) encapsulated in pseudomonas fluorescens (killed)	0.07	N/A
bacteriophages active against xylella fastidiosa	<0.01	4
bandane	<0.01	N/A
beauveria bassiana hf 23	82.62	N/A
beauveria bassiana strain ant-03	3,774.97	1,893
beauveria bassiana strain gha	7,651.36	5,111
beauveria bassiana strain ppri 5339	542.58	741
bendiocarb	0.95	N/A
benefin	8,515.27	316
bensulfuron methyl	209.16	83
bensulide	340,607.93	9,736
bentazon, sodium salt	7,120.36	552
bentonite	100,526.29	3,149
benzenesulfonic acid, c10-16-alkyl derivatives	791.46	2,149
benzobicyclon	41,051.14	2,450
benzoic acid	3,998.3	20,741
benzovindiflupyr	1,737.53	378
benzyl-diethyl [(2,6-xylyl-carbamoyl)methyl] ammonium saccharide	<0.01	N/A
beta-conglutin	6,915.41	654
beta-cyfluthrin	28,319.82	17,269

Chemical	Pounds Applied	Apps
beta-pinene polymer	167.79	50
bifenazate	315,776.47	12,255
bifenthrin	425,966.06	33,547
bis butenylene tetrahydro furfural	0.02	N/A
bispyribac-sodium	4,179.28	1,685
borax	241,002.23	469
boric acid	725,764.59	62
boscalid	118,981.16	22,144
brodifacoum	1.19	11
bromacil	15,064.03	60
bromacil, lithium salt	1,091.54	N/A
bromadiolone	3.71	306
bromethalin	24.56	83
bromoxynil heptanoate	14,228.31	1,245
bromoxynil octanoate	43,621.98	2,223
bronopol	1,094.69	N/A
buffalo gourd root powder	95.66	1
buprofezin	194,086.74	5,047
burkholderia sp strain a396 cells and fermentation media	527,544.73	7,899
butopyronoxyl	97.01	119
butoxy polypropylene glycol	<0.01	1
butyl alcohol	28,524.13	8,607
butyl lactate	3,088.81	1,794
cacodylic acid	0.19	2
cadmium chloride	18.69	2
calcium carbonate	65,884.5	N/A
calcium chloride	12,008.89	5,922
calcium hydroxide	4,331,908.69	9,202
calcium hypochlorite	46,440.22	1,548
calcium salts of phosphorous acid	N/A	28
canola oil	1,445.56	2,527
capric acid	192,755.13	2,914
caprylic acid	271,316.99	2,916
capsicum oleoresin	287.14	1,347
captan	332,841.9	5,844
captan, other related	3,423.51	2,762
carbaryl	99,400.17	3,106
carbo methoxy ether cellulose, sodium salt	60.2	1,336
carbon	1,118.52	1
carbon dioxide	45,291.83	1
carbon disulfide	21.39	N/A
carbon tetrachloride	103.55	N/A
carboxin	25.5	N/A

Chemical	Pounds Applied	Apps
carfentrazone-ethyl	16,298.5	20,587
casein	7,482.93	3,142
castor oil	0.53	N/A
castor oil ethoxylate	255,259.89	7,655
chenopodium ambrosiodes near ambrosiodes	146.29	21
chlorantraniliprole	198,751.57	47,880
chlordecone	0.07	N/A
chlorfenapyr	30,969.04	655
chlorflurenol, methyl ester	64.7	1
chlorine	180,762.74	N/A
chlorine dioxide	929.64	1
chlormequat chloride	549.46	1,617
chlorophacinone	11.33	537
chloropicrin	8,506,588.26	2,205
chlorothalonil	913,164.31	14,323
chlorpropham	2,199.77	9
chlorpyrifos	8,362.36	121
chlorsulfuron	2,514.86	81
chlorthal-dimethyl	193,533.31	6,193
cholecalciferol	483.42	N/A
chromobacterium subtsugae strain praa4-1	28,564.11	5,751
cinnamaldehyde	3,172.68	360
citric acid	191,635.38	62,948
clarified hydrophobic extract of neem oil	80,283.61	7,445
clethodim	174,040.48	25,980
clofentezine	27,885.99	2,313
clomazone	29,700.71	868
clopyralid, monoethanolamine salt	27,081.28	1,131
clopyralid,triethylamine salt	158.1	5
clothianidin	12,944.75	4,811
coconut diethanolamide	31,436.26	6,381
coconut oil amine acetate	0.22	2
codling moth granulosis virus	0.61	352
coniothyrium minitans strain con/m/91-08	488.96	495
copper	5,807.06	68
copper 8-quinolinoleate	0.11	N/A
copper ammonium carbonate	436.95	N/A
copper ammonium complex	68.45	25
copper carbonate, basic	4,779.05	N/A
copper citrate chelate	428.88	N/A
copper diammonium diacetate complex	748.13	100
copper ethanolamine complexes, mixed	1,329,085.78	56
copper ethylenediamine complex	12,844.14	18

Chemical	Pounds Applied	Apps
copper gluconate chelate	415.58	N/A
copper hydroxide	2,044,752.21	31,739
copper naphthenate	5,626.15	1
copper octanoate	19,780.45	5,219
copper oxide (ous)	220,424.93	4,290
copper oxychloride	310,974.38	9,132
copper oxychloride sulfate	61.8	2
copper salts of fatty and rosin acids	185.36	29
copper sulfate (basic)	883,919.45	8,821
copper sulfate (pentahydrate)	1,381,787.35	3,052
copper sulfate, monohydrate	0.23	N/A
copper triethanolamine complex	12,403.15	22
corn product, hydrolyzed	89,839.38	3,444
corn steep liquor	175,174.24	1,200
corn syrup	13,968.99	1,071
cottonseed flour	23.12	2
cottonseed oil	21,714.52	282
coyote urine	1.93	N/A
creosote	3.92	1
cryolite	288,310.48	1,343
cube extracts	0.24	2
cyanazine	0.5	N/A
cyantraniliprole	56,065.31	25,704
cyanuric acid	7.17	N/A
cyazofamid	3,657.94	2,982
cyclanilide	1,029.58	395
cyclaniliprole	207.59	443
cycloate	41,611.89	2,654
cyflufenamid	7,281.56	9,193
cyflumetofen	73,859.43	8,599
cyfluthrin	11,321.22	6,659
cyhalofop-butyl	9,459.46	493
cymoxanil	6,856.1	2,151
cypermethrin	18,985.09	744
cyprodinil	119,091.64	16,145
cyromazine	3,601.96	2,428
cytokinin (as kinetin)	0.03	34
d-allethrin	1.45	1
d-allethrin, other related	0.03	N/A
d-trans allethrin	17.95	N/A
daminozide	4,293.93	3,257
dazomet	43,420.76	18
ddvp	3,507.35	N/A

Chemical	Pounds Applied	Apps
ddvp, other related	65.35	N/A
decyl phenoxy benzene disulfonic acid, disodium salt	1,422.29	946
deet	20.75	25
deet, other related	1.08	24
deltamethrin	73,676.3	5
derivated natural polymers	0.08	1
desmedipham	67.68	11
dextrin	0.41	N/A
diatomaceous earth	695,186.2	4,909
diatomaceous earth, other related	2,257.54	6
diazinon	36,394.43	638
dicamba	1,105.59	257
dicamba, diethanolamine salt	<0.01	N/A
dicamba, dimethylamine salt	6,599.44	433
dicamba, sodium salt	4,083.54	531
dichlobenil	85,646.61	1
dichlorprop, butoxyethanol ester	5.15	N/A
dicloran	18,072.11	1,273
dicofol	1.73	7
didecyl dimethyl ammonium chloride	710.8	327
diethanolamine	280.64	188
diethylene glycol	231,261.37	26,508
difenacoum	<0.01	3
difenoconazole	57,237.63	13,491
difethialone	4.12	26
diflubenzuron	30,168.56	6,635
diflufenzopyr, sodium salt	1,213.41	443
diglycerides of fatty acids	55.59	N/A
diglycolamine salt of 3,6-dichloro-o-anisic acid	31,986.98	1,621
diiodomethyl p-tolyl sulfone	382.07	N/A
dikegulac sodium	3,530.45	222
dimethenamid-p	15,958.33	1,329
dimethoate	92,160.73	5,485
dimethomorph	24,497.78	12,742
dimethyl alkyl tertiary amines	4,364.06	20,741
dimethyl dicocoalkyl ammonium salt with naphthalenesulfonic acid, formaldehyde condensate	93.52	90
dimethyl phthalate	0.02	1
dimethyl silicone fluid emulsion	1,470.18	18,475
dimethylpolysiloxane	205,879.79	134,989
dinocap	0.05	N/A
dinocap, other related	<0.01	N/A
dinoseb	1.72	3

Chemical	Pounds Applied	Apps
dinotefuran	63,322.06	4,301
dioctyl dimethyl ammonium chloride	9,058.55	18
dioctyl phthalate	5.57	1
dioxathion	<0.01	N/A
dioxathion, other related	<0.01	N/A
diphacinone	87.14	3,368
diphacinone, sodium salt	1.6	10
dipropyl isocinchomerate	0.03	1
dipropylene glycol	0.01	N/A
dipropylene glycol methyl ether	378.77	350
diquat dibromide	86,100.63	5,552
disodium lauryl sulfosuccinate	9.9	N/A
disodium octaborate anhydrous	634.17	N/A
disodium octaborate tetrahydrate	615,180.45	44
disodium phosphate	1,043.7	62
disulfoton	0.6	N/A
dithiopyr	47,707.01	1,303
diuron	111,555.38	3,369
dodecyl dimethyl benzyl ammonium naphthenate	0.12	N/A
dodecylbenzene sulfonic acid	2,208.35	4,697
dodecylbenzene sulfonic acid, calcium salt	96.8	1,993
dodine	287.16	24
dsma	1.41	N/A
e,e-8,10-dodecadien-1-ol	965.05	481
e-11-tetradecen-1-yl acetate	1.76	15
e-8-dodecenyl acetate	199.11	2,866
edta	1,610.51	1,946
edta, tetrasodium salt	135.77	4,723
emamectin benzoate	2,904.44	12,581
emulsifiable methylated vegetable oil	168,159.54	18,885
emulsifiable polyethylene	8.64	82
endosulfan	104.94	4
endothall, dipotassium salt	88,653.63	N/A
endothall, disodium salt	13,603.43	N/A
endothall, mono [n,n-dimethyl alkylamine] salt	79,769.99	5
epn	38.04	1
eptc	132,508.87	953
esbiothrin	0.02	N/A
esfenvalerate	33,165.65	15,641
essential oils	1.48	4
ethalfluralin	31,694.98	493
ethanolamine	1,295.02	2,497
ethephon	317,820.84	8,984

Chemical	Pounds Applied	Apps
ethion	99.25	N/A
ethofumesate	9,177.23	197
ethoprop	9,489.73	227
ethyl alcohol	322.27	3
ethylene	827.85	146
ethylene dibromide	1.54	N/A
ethylene glycol	39,849.89	5,542
ethylene glycol monomethyl ether	483.46	199
etofenprox	540.77	1
etoxazole	71,999.52	12,546
famoxadone	3,036.16	856
farnesol	23.96	193
fatty acids derived from tallow	16,434.29	6,037
fatty acids, c16-18 and c18-unsaturated, branched and linear	1,045.96	2,618
fatty acids, c16-c18 and c18-unsaturated, methyl esters	359,969.34	31,742
fatty acids, methyl esters	413,155.57	8,463
fatty acids, mixed	163,055.19	41,048
fenamidone	20,514.3	6,865
fenarimol	0.06	3
fenazaquin	72,524.66	2,297
fenbuconazole	8,512.07	1,800
fenbutatin-oxide	7,906.85	321
fenhexamid	55,580.69	4,886
fenoxaprop-p-ethyl	11.61	3
fenoxycarb	0.04	1
fenpropathrin	50,170.31	6,143
fenpyroximate	26,587.71	5,860
fenugreek	0.01	1
ferric sodium edta	4,312.13	269
ferric sulfate (anhydrous)	1.53	N/A
ferrous sulfate	0.34	N/A
ferrous sulfate (monohydrate)	0.32	N/A
fipronil	22,667.65	11
flazasulfuron	1,441.3	2,535
flonicamid	30,614.15	12,149
florasulam	1.26	N/A
fluazifop-butyl	293.68	8
fluazifop-p-butyl	24,225.98	2,655
fluazinam	2,215.2	63
flubendiamide	206.24	280
fludioxonil	45,761.7	9,576
fluensulfone	4,718.53	35

Chemical	Pounds Applied	Apps
flumiclorac-pentyl	0.27	1
flumioxazin	99,992.92	16,817
fluopicolide	4,542.93	4,548
fluopyram	82,759.94	23,893
fluoxastrobin	19.59	34
flupyradifurone	60,952.56	18,811
flurecol-methyl	15.44	1
fluridone	4,423.71	3
fluroxypyr	2.7	N/A
fluroxypyr, 1-methylheptyl ester	852.84	21
flurprimidol	1,867.61	527
flutianil	677.72	669
flutolanil	5,706.39	51
flutriafol	17,729.77	5,240
fluxapyroxad	55,391.14	12,736
folpet	0.07	N/A
foramsulfuron	149.09	25
forchlorfenuron	156.27	1,013
formaldehyde	5,452.36	N/A
formetanate hydrochloride	54,633.09	2,353
formic acid	220.05	8
fosetyl-al	143,321.74	7,081
fox urine	0.74	N/A
free fatty acids and/or amine salts	764.2	11
freon 12	25.19	N/A
gamma-cyhalothrin	382.3	N/A
garlic	1,139.89	1,402
geraniol	59.84	193
gibberellins	18,964.1	16,926
gliocladium virens gl-21 (spores)	11.02	8
glufosinate-ammonium	1,952,175.55	68,909
glutaraldehyde	72,026.16	29
glycerine	1.04	1
glycerol	103,353.93	15,815
glyphosate, diammonium salt	47,212.24	680
glyphosate, dimethylamine salt	190,622.1	1,630
glyphosate, isopropylamine salt	4,704,006.99	72,656
glyphosate, monoammonium salt	8,856.31	27
glyphosate, potassium salt	5,609,917.77	80,825
gs-omega/kappa-hctx-hv1a (versitude peptide)	3,878.88	2,967
halosulfuron-methyl	11,416.44	3,542
harpin protein	0.01	4
heptamethyltrisiloxane ethoxylated	60,449.65	12,665

Chemical	Pounds Applied	Apps
heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	80,610.43	24,253
heptyl butyrate	5.82	N/A
hexaflumuron	0.08	N/A
hexazinone	59,839.98	1,134
hexylene glycol	1,782.54	N/A
hexythiazox	74,566.49	9,797
humic acid	3,188.8	1,946
hydramethylnon	185.27	203
hydrogen chloride	801.7	4
hydrogen cyanamide	478,502.5	1,107
hydrogen peroxide	564,514.18	14,275
hydroprene	1,812.29	22
hydrotreated paraffinic solvent	1,037.16	17
hydroxyethyl octyl sulfide, other related	<0.01	N/A
hypochlorous acid	0.03	N/A
iba	50.13	1,720
imazalil	31,045.83	N/A
imazalil sulfate	16,379.8	N/A
imazamox, ammonium salt	5,029.17	1,612
imazapic, ammonium salt	1.98	N/A
imazapyr, isopropylamine salt	50,948.27	1,602
imazethapyr, ammonium salt	4,385.38	898
imazosulfuron	2,501.47	213
imidacloprid	330,638.48	48,480
indaziflam	38,435.96	26,065
indole	0.07	N/A
indoxacarb	24,797.39	11,265
iodine	2.46	N/A
iodosulfuron-methyl-sodium	1.09	1
ipconazole	1.5	N/A
iprodione	63,686.45	6,899
iron hedta	186.22	N/A
iron phosphate	2,680.32	1,007
isaria fumosorosea strain fe 9901	19.9	73
isodecyl alcohol	105.54	29
isofetamid	16,192.18	1,410
isooctyl phthalate	489.54	197
isoparaffinic hydrocarbons	572.65	8
isopropyl alcohol	37,856.38	31,008
isopropylamine dodecylbenzene sulfonate	1,841.37	3,881
isoxaben	30,238.64	3,513
jaguar	0.46	1

Chemical	Pounds Applied	Apps
kaolin	2,616,435.82	2,805
kasugamycin hydrochloride	1,972.77	631
kinoprene	0.97	3
kresoxim-methyl	11,858.49	2,196
lactic acid	22.86	7
lactose	7,541.72	3,149
lambda-cyhalothrin	173,093.59	70,450
laminarin	195.59	430
lauric acid	6,186.27	1,688
lauryl alcohol	259.92	215
lauryl dimethylamine oxide	256.81	205
lavandulyl senecioate	2,689.2	5,820
lecithin	710,401.86	81,839
lignin sulfonic acid, calcium salt	19.22	1
lignin sulfonic acid, copper salt	0.42	N/A
lignin sulfonic acid, magnesium salt	3.81	1
lignin sulfonic acid, zinc salt	212.45	14
lime	45.08	1
lime-sulfur	1,679,133.56	2,976
limonene	46,795.0	1,367
linalool	<0.01	N/A
lindane	2.22	1
linuron	44,474.07	3,401
low molecular weight paraffinic oil	21,832.71	6,683
magnesium chloride	8.02	N/A
magnesium phosphide	35,651.13	3
malathion	247,105.57	8,612
maleic hydrazide, potassium salt	7,357.69	85
mancozeb	1,043,342.47	28,192
mandipropamid	27,487.17	20,897
maneb	653.09	46
manganese sulfate	750.87	111
margosa oil	50,903.66	3,086
mcpa, 2-ethyl hexyl ester	359.61	12
mcpa, dimethylamine salt	95,556.95	2,959
mcpa, isooctyl ester	1,243.9	N/A
mcpp	31.14	2
mcpp, diethanolamine salt	<0.01	N/A
mcpp, dimethylamine salt	66.07	29
mcpp, potassium salt	22.45	19
mcpp-p, dimethylamine salt	3,015.47	11
mcpp-p, potassium salt	623.33	N/A
mecoprop-p	1,833.49	139

Chemical	Pounds Applied	Apps
mefenoxam	88,189.21	15,656
mefenoxam, other related	82.58	4,414
mefentrifluconazole	83.17	2
mefluidide, diethanolamine salt	32.75	N/A
mepiquat chloride	5,568.23	2,414
mesosulfuron-methyl	224.54	275
mesotrione	15,851.06	2,280
meta-cresol	1.28	10
metaflumizone	320.84	5,321
metalaxyl	2,866.16	137
metaldehyde	30,714.6	4,153
metallic silver	<0.01	1
metam-sodium	3,593,890.97	499
metconazole	44,216.24	6,731
methidathion	3.2	3
methiocarb	1,001.64	370
methomyl	235,741.72	22,687
methoprene	2,867.41	3
methoxychlor	0.04	N/A
methoxyfenozide	571,255.01	36,859
methyl anthranilate	1,580.73	228
methyl bromide	1,603,059.89	381
methyl cellulose	5.49	1
methyl dodecyl benzyl trimethyl ammonium chloride	<0.01	1
methyl dodecyl xylene bis (trimethyl ammonium chloride)	<0.01	1
methyl esters of cottonseed oil	683.27	4
methyl eugenol	691.25	N/A
methyl isothiocyanate	245.89	N/A
methyl parathion	53.81	7
methyl salicylate	0.66	4
methyl silicone resins	142,792.87	20,115
methyl-2,7-dichloro-9-hydroxyfluorene-9-carboxylate	11.76	1
methylated fatty acids from canola oil	245,001.25	3,964
methylated naphthalene	0.06	1
methylated silica	42.76	58
methylated soybean oil	2,355,755.9	128,475
methylene chloride	13.85	N/A
metiram	37.4	N/A
metofluthrin	18.72	N/A
metolachlor	29,022.93	367
metrafenone	49,667.59	4,949
metribuzin	31,669.25	1,348
mineral oil	37,089,143.4	151,244

Chemical	Pounds Applied	Apps
modified phthalic glycerol alkyd resin	113,837.09	15,084
molasses	46,535.82	108
monuron	0.25	1
morpholine	214.08	198
msma	2,391.5	19
muscalure	14.52	2
myclobutanil	38,777.07	14,911
myristyl alcohol	52.79	215
myrothecium verrucaria, dried fermentation solids & solubles, strain aarc-0255	11,418.11	208
n,n-bis-(2-(omega-hydroxypoly(oxyethylene)/poly(oxypropylene))ethyl)alkyl (c8-c18) amine	11,518.79	228
n,n-bis-(2-(omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	146,558.21	65,107
n-dialkyl (60%c14, 30%c16, 5%c12, 5%c18) methyl benzyl ammonium chloride	37.23	1
n-octyl bicycloheptene dicarboximide	4,977.77	14
n6-benzyl adenine	274.07	2,314
naa	8.59	760
naa, ammonium salt	220.43	62
naa, ethyl ester	7,051.26	38
naa, potassium salt	577.57	143
nabam	7.28	N/A
naled	194,516.14	4,044
naphtha, heavy aromatic	0.06	N/A
naphthalene	0.02	1
naphthalenesulfonic acid, formaldehyde condensate, sodium salt	55.95	2,149
napropamide	16,740.9	1,208
natamycin	6.07	3
nerolidol	59.84	193
nicarbazin	9.59	N/A
nicosulfuron	660.93	542
nitrapyrin	105.65	5
nonanoic acid	10,367.29	202
nonanoic acid, other related	544.49	147
norflurazon	2,108.65	109
nosema locustae spores	<0.01	1
novaluron	14,915.48	6,786
noviflumuron	46.58	N/A
octhlinone	140,482.67	N/A
octyl decyl dimethyl ammonium chloride	818.32	18

Chemical	Pounds Applied	Apps
oil of black pepper	0.27	N/A
oil of citronella	0.25	N/A
oil of orange	381.05	1,337
oleic acid	66,060.01	19,555
oleic acid, ethyl ester	284,147.61	27,653
oleic acid, methyl ester	689,657.1	15,720
orchex 796 oil	461.63	16
organo/modified polysiloxane	41.79	623
organosilicone, poly oxyalkylene ether copolymer	4,967.04	964
ortho-benzyl-para-chlorophenol	29.03	N/A
ortho-phenylphenol	50.38	3
orthosulfamuron	1,004.63	163
oryzalin	36,474.92	807
oxadiazon	5,010.03	296
oxamyl	25,969.28	961
oxathiapiprolin	2,619.48	7,419
oxirane, 2-methyl-, polymer with oxirane, mono(2-ethylehexyl) ether	1,846.3	2,149
oxydemeton-methyl	0.03	3
oxyfluorfen	869,732.45	62,998
oxytetracycline hydrochloride	4,661.07	798
oxytetracycline hydrochloride, other related	42.62	794
oxytetracycline, calcium complex	1,292.78	297
paclobutrazol	17,974.98	6,696
paecilomyces fumosoroseus apopka strain 97	5,557.77	3,848
para-dichlorobenzene	2.0	4
para-tert-amylphenol	17.85	3
paraquat dichloride	426,103.67	7,719
parathion	0.23	N/A
pcnb	25,405.13	117
pcp, other related	0.47	5
pcp, sodium salt	0.74	N/A
pendimethalin	2,437,025.63	30,922
penflufen	25.13	N/A
penoxsulam	5,758.89	3,950
pentachlorophenol	4.19	5
pentane	0.51	N/A
penthiopyrad	105,620.9	12,663
permethrin	203,283.22	36,107
permethrin, other related	0.11	N/A
peroxyacetic acid	289,683.32	13,388
petroleum distillates	3,754.78	180
petroleum distillates, aliphatic	4.75	1

Chemical	Pounds Applied	Apps
petroleum distillates, aromatic	45.65	7
petroleum distillates, refined	121.72	5
petroleum hydrocarbons	0.6	2
petroleum oil, paraffin based	96,811.9	802
petroleum oil, unclassified	252,249.32	439
phenmedipham	183.96	48
phenol, ferrous salt	0.29	N/A
phenothrin	795.96	3
phenothrin, other related	0.05	N/A
phenylethyl propionate	42.19	N/A
phorate	10,603.52	221
phosmet	23,972.82	308
phosphine	88,508.39	4
phosphoric acid	192,143.46	58,455
picloram	0.24	N/A
picoxystrobin	<0.01	1
pindone	0.01	N/A
pine oil	9.21	4
pinoxaden	1,483.06	496
piperalin	335.53	233
piperine	0.1	N/A
piperonyl butoxide	141,369.45	1,958
piperonyl butoxide, other related	2,455.56	1,575
poly(oxy-1,2-ethanediyl), alpha-hydro-omega-hydroxy-, mono-c11-14-isoalkyl ethers, c13-rich, phosphates	537.74	1,277
poly(oxy-1,2-ethanediyl), alpha-isodecyl-omega-hydroxy-phosphate, potassium salt	8,940.34	1,856
poly(oxyethylene) (dimethylimino) ethylene (dimethylimino) ethylene dichloride	3,084.11	22
poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	29,221.76	15,217
poly-i-para-menthene	5,072.18	1,054
polyacrylamide polymer	12,948.97	24,816
polyacrylamide, polyethylene glycol mixture	2,385.65	1,548
polyacrylic polymer	5,973.69	8,075
polyalkene oxide modified heptamethyl trisiloxane	31,544.25	34,422
polyalkyleneoxide modified polydimethyl-siloxane	58,696.33	4,228
polybutenes	78,265.27	32,412
polyether modified polysiloxane	88,716.84	35,099
polyethoxylated castor oil	15,028.66	9,452
polyethylene glycol	121,458.64	20,787
polyethylene glycol diacetate	208.58	621
polyethylene glycol ditallate	11.45	123

Chemical	Pounds Applied	Apps
polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	43,001.63	10,740
polyethylene glycol oleate	216.57	90
polyethylene glycol stearate	69,514.36	27,602
polyhedral occlusion bodies (ob's) of the nuclear polyhedrosis virus of helioverpa zea (corn earworm)	45.65	349
polymeric terpenes	655.3	103
polymerized acrylic acid	1,439.47	141
polymerized pinene	72,522.23	5,072
polyoxin d, zinc salt	9,501.66	6,328
polyoxyethylene (6) tridecyl alcohol	<0.01	1
polyoxyethylene cetyl-stearyl ether	1,588.46	2,902
polyoxyethylene dioleate	1,141.16	966
polyoxyethylene mixed fatty acid ester	2,333.83	433
polyoxyethylene polyol fatty acid esters	10,829.98	1,160
polyoxyethylene polyoxypropylene	146,283.15	28,324
polyoxyethylene sorbitan mixed fatty acid esters	15,109.85	477
polyoxyethylene sorbitan monolaurate	17,381.81	1,497
polyoxyethylene sorbitan monooleate	14,111.93	5,932
polyoxyethylene sorbitan trioleate	29,011.91	4,544
polyoxyethylene sorbitol, mixed ether ester	44,591.8	4,386
polyoxyethylene soybean oil fatty acid ester	116,188.06	7,925
polyoxyethylene tall oil fatty acid ester	379.9	163
polypropylene glycol	407.16	2,424
polysaccharide polymer	20.17	269
polysiloxane	1,920.88	388
polysorbate 65	15,596.81	6,145
potash soap	169,317.77	8,699
potassium bicarbonate	192,488.1	5,403
potassium carbonate	32.56	15
potassium dichromate	0.06	N/A
potassium hydroxide	6,351.74	10,998
potassium n-methyldithiocarbamate	8,513,079.76	2,042
potassium nitrate	15,724.3	3,476
potassium peroxymonosulfate	2,252.14	52
potassium phosphite	1,259,728.34	21,829
potassium salt of hop beta acids	0.33	1
potassium silicate	26,756.78	1,246
prallethrin	7,811.85	200
prodiamine	46,076.58	1,771
prodiamine, other related	3.42	N/A
prohexadione-calcium	1,290.86	255
prometryn	46,177.2	4,361

Chemical	Pounds Applied	Apps
propamocarb	472.79	N/A
propamocarb hydrochloride	69,315.14	6,320
propanil	1,968,013.2	5,809
propargite	159,836.63	1,339
propetamphos	0.31	N/A
propiconazole	102,335.78	17,370
propionic acid	184,964.37	37,986
propoxur	2.89	N/A
propylene glycol	98,606.13	38,476
propylene glycol, methyl ether	11.14	6
propylene oxide	163,231.0	N/A
propyzamide	114,734.89	11,913
pseudomonas chlororaphis subsp. aurantiaca strain afs009	8,474.45	330
pseudomonas fluorescens, strain a506	39.17	11
purpureocillium lilacinum strain 251	3,390.42	372
putrescent whole egg solids	8.32	N/A
pydiflumetofen	7,721.5	1,000
pymetrozine	2,014.75	2,925
pyraclostrobin	120,891.47	32,885
pyraflufen-ethyl	2,461.3	17,691
pyrethrins	10,738.59	19,183
pyridaben	2,544.67	621
pyridalyl	384.95	823
pyrifluquinazon	132.32	637
pyrimethanil	65,370.41	4,970
pyriofenone	7,409.31	2,837
pyriproxyfen	44,250.18	8,918
pyrithiobac-sodium	432.39	166
pyroxsulam	1,953.87	2,526
qst 713 strain of dried bacillus subtilis	16,867.65	12,811
quillaja	1,088.0	1,413
quinclorac	703.98	5
quinclorac, dimethylamine salt	1,585.5	6
quinoxifen	35,751.98	11,534
red cabbage color	20.62	111
resmethrin	5.29	8
resmethrin, other related	0.12	N/A
reynoutria sachalinensis	19,561.99	10,038
rimsulfuron	37,474.91	27,477
ronnel	10.2	N/A
rotenone	0.42	27
rotenone, other related	0.46	25

Chemical	Pounds Applied	Apps
s,s,s-tributyl phosphorotrithioate	6,804.5	123
s-abscisic acid	1,590.39	284
s-bioallethrin	0.25	N/A
s-methoprene	6,645.76	852
s-metolachlor	291,450.76	4,547
sabadilla alkaloids	253.66	423
saflufenacil	38,743.35	23,574
salicylic and benzoic esters of propylene glycol	13.72	2
saponin	1,434.62	274
sawdust	12.68	1
sedaxane	150.92	N/A
sethoxydim	26,296.6	2,601
siduron	945.83	6
silica aerogel	3,125.52	1
silica filled polydimethylsiloxane	79.15	1,623
silicone	291.56	175
silicone defoamer	88.02	5,339
silver nitrate	1.46	47
silver, ionic	0.06	2
simazine	57,966.86	1,738
soap	<0.01	N/A
sodium 2-mercaptobenzothiazole	<0.01	N/A
sodium alpha-olefin (c14-c16) sulfonate	13,567.15	N/A
sodium arsenate	0.06	N/A
sodium bisulfate	64.03	9
sodium bromide	417,694.8	N/A
sodium bromosulfamate, sodium chlorosulfamate, potassium bromosulfamate, potassium chlorosulfamate	14,708.67	N/A
sodium cacodylate	1.1	2
sodium carbonate	161.51	1
sodium carbonate peroxyhydrate	266,624.0	207
sodium chlorate	199,113.69	355
sodium chloride	157.79	52
sodium chlorite	251,911.3	143
sodium chlorophenates	0.1	N/A
sodium cyanide	2,388.75	N/A
sodium decyl sulfate	2,400.93	N/A
sodium dichloro-s-triazinetrione	68,630.65	5
sodium dichloro-s-triazinetrione dihydrate	21,406.94	1
sodium diisooctylsulfosuccinate	750.14	3,277
sodium dimethyl dithio carbamate	7.28	N/A
sodium dioctylsulfosuccinate	3.06	270
sodium fluoride	0.89	N/A

Chemical	Pounds Applied	Apps
sodium hydroxide	17,949.43	9,554
sodium hypochlorite	1,335,028.29	111
sodium lauroampho acetate	1,812.03	N/A
sodium lauryl ether sulfate	2,817.53	1,780
sodium lauryl sulfate	1,235.5	N/A
sodium metabisulfite	6,115.74	1
sodium metaborate tetrahydrate	92.15	2
sodium metasilicate	1.95	4
sodium nitrate	2,716.01	1
sodium polyacrylate	2,085.48	9,753
sodium tetraborate (pentahydrate)	475.51	N/A
sodium tripolyphosphate	1,612.94	1,959
sodium xylene sulfonate	7,703.9	10,566
sorbitan fatty acid esters	2,732.85	195
sorbitan monooleate	463.79	261
sorbitan trioleate	15,822.94	6,154
sorbitol	6,026.53	2,463
sorbitol octanoate	0.24	2
soybean oil	67,346.43	2,955
spinetoram	71,486.01	60,140
spinosad	32,417.68	32,758
spirodiclofen	59,831.62	2,779
spiromesifen	30,625.06	3,770
spirotetramat	104,150.59	53,535
starch	0.98	853
streptomyces griseoviridis strain k61	0.1	7
streptomyces lydicus wyec 108	1.64	1,641
streptomycin	5.17	12
streptomycin sulfate	8,406.48	1,643
strychnine	520.79	1,628
styrene butadiene copolymer	14,814.02	10,114
sugar	68.59	8
sulfamethazine	0.09	1
sulfanilamide	0.28	1
sulfaquinoxaline	0.19	12
sulfentrazone	4,075.23	26
sulfluramid	0.04	N/A
sulfometuron-methyl	10,031.36	50
sulfosulfuron	8.93	4
sulfoxaflor	16,551.81	22,936
sulfoxide	0.06	2
sulfoxide, other related	<0.01	2
sulfur	40,158,468.89	120,534

Chemical	Pounds Applied	Apps
sulfur dioxide	295,852.26	175
sulfuric acid	4,840.12	4,946
sulfuryl fluoride	3,065,098.38	47
swinglea glutinosa extract	18,636.44	147
tall oil	40,836.41	12,705
tall oil fatty acids	168,604.83	47,630
tallow bis(2-hydroxyethyl)amine	47.56	205
tartrazine	101.56	21
tau-fluvalinate	941.66	2,118
tcmtb	141.48	N/A
tea tree oil	8.77	15
tebuconazole	128,027.46	17,832
tebufenozide	60.18	33
tebuthiuron	2,222.72	N/A
tembotrione	6,734.69	1,702
temephos	0.77	N/A
terrazole	100.22	101
tetrachloroethylene	40.31	N/A
tetrachlorvinphos	38.27	N/A
tetraconazole	7,923.6	5,289
tetrakis (hydroxymethyl) phosphonium sulfate	1,145.52	N/A
tetramethrin	22.03	3
tetrapotassium pyrophosphate	336.6	4,693
thiabendazole	30,897.08	673
thiabendazole, hypophosphite salt	0.51	N/A
thiamethoxam	38,855.89	24,115
thidiazuron	7,284.59	2,198
thiencarbazone-methyl	20.59	9
thiobencarb	394,055.34	1,377
thiophanate	1,645.62	48
thiophanate-methyl	154,400.67	9,449
thiram	131,678.12	1,604
thyme	9.26	N/A
thyme oil	50.6	N/A
thymol	180.91	19
tolfenpyrad	6,305.99	1,253
topramezone	33.09	9
toxaphene	13.66	N/A
tralomethrin	0.56	N/A
triadimefon	902.64	188
triallate	897.9	8
tribenuron-methyl	2,794.43	3,875
tributyl tetradecyl phosphonium chloride	68.44	N/A

Chemical	Pounds Applied	Apps
tributyltin oxide	<0.01	N/A
trichlorfon	0.15	3
trichloro-s-triazinetrione	8,643.64	66
trichlorofluoromethane	67.08	N/A
trichoderma harzianum rifai strain krl-ag2	115.69	2,042
trichoderma icc 012 asperellum	49.88	210
trichoderma icc 080 gamsii	49.88	210
trichoderma virens strain g-41	10.22	961
triclopyr choline	24,369.15	171
triclopyr, butoxyethyl ester	46,424.76	388
triclopyr, triethylamine salt	185,788.73	4,189
triethanolamine	11,374.54	8,909
triethanolamine oleate	1,961.24	1,609
triethylene glycol	0.41	1
trifloxystrobin	61,541.18	18,609
trifloxysulfuron-sodium	127.66	27
triflumizole	17,059.43	2,751
trifluralin	304,787.0	6,685
triflusulfuron-methyl	169.11	110
triforine	0.02	N/A
trimethylamine	0.25	N/A
trinexapac-ethyl	15,867.76	136
triptolide	0.01	N/A
trisodium phosphate	144.61	79
triticonazole	601.04	197
ulocladium oudemansii (u3 strain)	595.4	149
uniconizole-p	1.33	918
urea	23,654.72	1,509
urea dihydrogen sulfate	185,287.67	11,645
urea inclusion adduct of polyoxy(ethylene)/polyoxy(propylene) block copolymer	N/A	2
vanillin	<0.01	1
vegetable oil	449,080.1	3,657
vegetable wax	<0.01	N/A
vinclozolin	5.88	3
vinyl ester polymer	446.33	258
vinyl polymer	2,303.1	7,495
warfarin	0.9	30
warfarin, sodium salt	0.06	N/A
xanthan gum	252.67	1,918
xylene	287.51	58
xylene range aromatic solvent	190.5	3
yeast	29.89	2

Chemical	Pounds Applied	Apps
yucca schidigera	6,510.01	367
z,e-9,12-tetradecadien-1-yl acetate	70.0	25
z-11-tetradecen-1-yl acetate	<0.01	4
z-8-dodecenol	34.62	2,866
z-8-dodecanyl acetate	3,081.69	2,866
zeta-cypermethrin	5,082.2	7,174
zinc 2-pyridinethiol-1-oxide	0.18	3
zinc naphthenate	2.02	N/A
zinc phosphide	2,886.96	300
zinc sulfate	2,542.78	472
zineb	186.1	3
ziram	487,948.43	4,855
zoxamide	442.11	45