

2019 Use by active ingredient (pounds)* - Revised reporting

*Biocide and disinfectant active ingredients reported separately

Active Ingredients	Pounds
(S)-Hydroprene	38.04804
(S)-Methoprene	0.692715
1-Naphthaleneacetic acid	0.04278
2,4-D	3526.659861
2,4-DP	3.094
2-Phenethyl Propionate	16.83441
3-Indolebutyric acid	0.036239375
6-benzyladenine	0.285
9, 10-Anthraquinone	2.913
Abamectin	0.14378162
Acephate	48.20326
Acetamiprid	12.920627
Acetochlor	23367.775
Acibenzolar-S-methyl	4.00317
Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium chloride	1.9602
Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chloride	0.55
Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride	0.55
Aluminum tris	779.104
Aminocyclopyrachlor	0.1956
Aminopyralid	200.99799
Ammonium nonanoate	16.5
Amorphous Silica	8.01
Amorphous Silica Dioxide	0.0448
Ancymidol	0.00012408
Atrazine	59793.76493
Azadirachtin	0.58697
Azoxystrobin	73.50474
Bacillus sphaericus 2362	1.24
Bacillus subtilis	0.02546
Bacillus thuringiensis subsp. Galleriae	18
Bacillus thuringiensis subsp. Israelensis	32.818018
Bacillus thuringiensis subsp. Kurstaki	0.54
Beauveria bassiana	6.6373
Bensulide	2.5
Bicyclopyrone	273.70184
Bifenazate	0.5
Bifenthrin	519.8958169
Borax	9279.24187
Boscalid	86.7015232
Brodifacoum	0.3270119

2019 Use by active ingredient (pounds)* - Revised reporting

*Biocide and disinfectant active ingredients reported separately

Bromadiolone	0.28751685
Bromethalin	0.002859
Bromoxynil	5
Capsaicin	0.000002736
Captan	164.695
Carbaryl	78.1308
Carfentrazone	17.866
Castor oil	0.168
Cedar Oil	169.8972
Charcoal	3.0523
Chlorantraniliprole	150.4603424
Chlorfenapyr	44.9041
Chlorimuron ethyl	3.96245
Chlorophacinone	0.010485
Chlorothalonil	12090.889
Chlorsulfuron	8.2725
Cholecalciferol	0.50648475
Cinnamon Oil	83.1088
Citric acid	14.4
Clethodim	32.6161
Clomazone	47
Clopyralid	1813.8263
Clothianidin	25.4549243
Clove oil	4.81145
Copper	0.05
Copper Carbonate	367.2963
Copper diammonia diacetate complex	1.51508
Copper ethanolamine complex	0.372555
Copper Hydroxide	101.496258
Copper Octanoate	0.02176
Copper Oxychloride	18.917844
Corn oil	0.014
Cottonseed oil	0.00125
Cyantraniliprole	2.46826
Cyazofamid	14.0859
Cyclaniliprole	0.00546
Cyflumetofen	0.000501
Cyfluthrin	237.37508
Cyhalothrin	0.00765
Cypermethrin	13.235264
Cyproconazole	24.8771

2019 Use by active ingredient (pounds)* - Revised reporting

*Biocide and disinfectant active ingredients reported separately

Cyprodinil	4.6896
Cytokinin	0.006
Dazomet	1613.766
Deltamethrin	14.72328175
Dicamba	2938.179419
Dichlobenil	5.293
Dichlorvos	0.4015
Dicrotophos (Bidrin)	0.082
Didecyl dimethyl ammonium chloride	1.016672
Difenoconazole	3.1893
Difethialone	0.096399975
Diflubenzuron	0.0625
Diflufenzopyr	0.16
Diisobutylphenoxyethoxy ethyl dimethyl benzyl ammonium chloride monohydrate	0.21
Dinotefuran	36.638965
Diocetyl dimethyl ammonium chloride	0.70706
Diphacinone	0.142274
Diquat	30.4074
Disodium Octaborate Tetrahydrate	661.36375
Dithiopyr	479.4522626
DRC-1339	0.164512
d-trans Allethrin	0.086801
Emamectin Benzoate	7.38833
Esfenvalerate	2.1214
Ethalfuralin	150.4
Ethephon	276.81
Etofenprox	1.1187
Eugenol	40.65075
Extract of Reynoutria sachalinensis	4.73
Fenoxaprop-ethyl	3.5058
Fenpropathrin	1.536
Fenvalerate	0.3537
Fipronil	160.2727808
Flonicamid	0.00728
Florasulam	0.3276
Florpyrauxifen-benzyl	19.6812
Fluazinam	556.079825
Fludioxonil	40.26922
Flumetsulam	39.598
Flumioxazin	0.2014
Fluopyram	34.28464

2019 Use by active ingredient (pounds)* - Revised reporting

*Biocide and disinfectant active ingredients reported separately

Fluoxastrobin	16.6325
Flupyradifurone	0.26052
Fluroxypyr	125.4784705
Flurprimidol	158.40205
Fluthiacet-methyl	27.194706
Fluxapyroxad	72.86026
Fomesafen	163.3625
Formaldehyde	1961
Fosamine	492.8
Garlic oil	3.55
Geraniol	14.6765
Gibberellic Acid	0.001375
Glufosinate ammonium	22.2558
Glyphosate	32995.28429
Halosulfuron-methyl	60.13109375
Hexythiazox	0.255
Hydramethylnon	0.1963
Hydrogen peroxide	1.96258
Imazamox	0.07
Imazapic	0.0703
Imazapyr	528.7137
Imazethapyr	0.48
Imidacloprid	971.8724445
Indaziflam	75.74723
Indoxacarb	13.3089415
Iprodione	4157.18655
Iron HEDTA	242.31324
Isofetamid	43.7382
Isopropyl Alcohol	130.62357
Isoxaben	3.55
Kinetin	0.004478125
Lambda-cyhalothrin	217.589538
Lemongrass oil	0.14
Malathion	651.49444
Mancozeb	935.82035
Mandestrobin	93.044
Mandipropamid	0.0624
MCPA	1346.72835
Mecoprop	532.9654668
Mefenoxam	29.0438
Mefluidide	2.28

2019 Use by active ingredient (pounds)* - Revised reporting

*Biocide and disinfectant active ingredients reported separately

Mesotrione	3357.498319
Metconazole	3.345
Methylisothiocyanate	181.875
Metofluthrin	0.0958525
Metolachlor	41155.75991
Metsulfuron methyl	29.805325
Mineral oil	2378.1867
Monosodium methanearsonate	1.35
Myclobutanil	23.69396
N-Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium chloride	8.664388
Naphthalene	3.5196
Neem Oil	184.5288
Nicosulfuron	43.92632563
N-Octyl bicycloheptene dicarboximide	21.129202
Novaluron	0.27815
Noviflumuron	0.0348
Octyl Decyl Dimethyl Ammonium Chloride	1.46315
o-Phenylphenol	0.066
Orthoboric Acid	52.32863
Oryzalin	6.28
Oxytetracycline Hydrochloride	0.0972
Paclobutrazol	50.44024
Pelargonic acid	7.5402
Pendimethalin	428.09335
Penoxsulam	1.309
Pentachloronitrobenzene	63.619
Penthiopyrad	3.595
Peppermint oil	106.1424
Permethrin	231.435606
Peroxyacetic Acid	0.17294
Phenothrin	1.20144
Phosmet	16.8
Phosphorous acid	49.07118
Picoxystrobin	104.7511
Piperonyl butoxide	154.4234171
Polyoxorim	1.6272
Potassium salts of fatty acids	0.5602
Prallethrin	1.2423028
Prodiamine	735.7513
Prohexadione calcium	14.63825
Prometon	113.56

2019 Use by active ingredient (pounds)

Revised 9/2024

2019 Use by active ingredient (pounds)* - Revised reporting

*Biocide and disinfectant active ingredients reported separately

Propamocarb hydrochloride	145.068
Propiconazole	399.75105
Prosulfuron	41.36376
Prothioconazole	20.4025
Puriproxyfen	0.0217
Pydiflumetofen	4.0414
Pymetrozine	0.008
Pyraclostrobin	131.765802
Pyraflufen ethyl	0.371970485
Pyrethrins	20.767986
Pyrethrum	0.065
Pyridalyl	0.00175
Pyriproxyfen	32.330742
Pyroxasulfone	900.878594
Quinclorac	195.847
Rimsulfuron	322.355542
Rosemary oil	538.6578
Saflufenacil	28.8705
Sethoxydim	16.01
Siduron	1.855
Silicon Dioxide	11.548872
Simazine	4504.9
S-methoprene	0.46934
Sodium lauryl sulfate	0.0688
Sodium nitrate	5.8402
Spinetoram	0.001
Spinosad	9.525
Spiromesifen	1.72
Spirotetramat	0.06
Sulfentrazone	91.2422
Sulfometuron methyl	258.386625
Sulfur	14.4006
Tebuconazole	1291.35
Tembotrione	813.31488
Tetramethrin	0.1271
TFM	531.055
Thiabendazole Hypophosphite	24.354
Thiamethoxam	6.309961
Thiencarbazone-methyl	160.96857
Thifensulfuron	115.72005
Thiophanate-methyl	3389.66925

2019 Use by active ingredient (pounds)* - Revised reporting

*Biocide and disinfectant active ingredients reported separately

Thiram	97.3032
Thyme oil	28.40255
Topramezone	0.0028
Triadimefon	159.291221
Tribenuron-methyl	18.8371
Trichlorfon	168.0412
Trichloro-s-triazinetrione	2.4353
Triclopyr	1098.90523
Trifloxystrobin	185.640015
Trifluralin	27.8635
Trinexapac-ethyl	116.7614
Triticonazole	4.430505
Uniconazole-P	0.000033
Vinclozolin	2.35
Z-9-Tricosene	0.102109
Zeta-cypermethrin	4.1957025
Zinc ion and manganese ethylenebisdithiocarbamate	105.06
Zinc phosphide	2.6302
Grand Total	232478

Due to software limitations, numbers are not rounded for significant figures