

2018 Use by active ingredient (pounds)* - Revised reporting

*Biocide and disinfectant active ingredients reported separately

Active Ingredients	Pounds
(9Z,12E)-9,12-Tetradecadien-1-yl Acetate	0.096
(S)-Hydroprene	7.510078088
(S)-Methoprene	1.689559
(Z)-9-Tricosene	0.00044394
1-Naphthaleneacetic acid	0.03193
2,4-D	3955.023234
2,4-DP	0.062
2-Phenethyl Propionate	24.07949079
3-Indolebutyric acid	0.03600648
9, 10-Anthraquinone	0.24275
Abamectin	0.19024606
Acephate	61.0211
Acetamiprid	44.53054656
Acetochlor	41413.03778
Acibenzolar-S-methyl	3.49296
Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chloride	4.0474
Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride	4.0474
Aluminum tris	637.5
Aminocyclopyrachlor	233.2419075
Aminopyralid	75.62575
Ammonium nonanoate	1.32
Amorphous Silica	6.85725
Amorphous Silica Dioxide	0.063512
Ancymidol	0.0006072
Atrazine	78696.00823
Avermectin	0.0000085
Azadirachtin	0.049093125
Azoxystrobin	155.68454
Bacillus sphaericus 2362	1.656
Bacillus subtilis	2.92864
Bacillus thuringiensis subsp. Galleriae	18
Bacillus thuringiensis subsp. Israelensis	571.9491438
Bacillus thuringiensis subsp. Kurstaki	3101.170863
Beauveria bassiana	5.5469
Benefin	0.43
Bensulide	2.5
Bentazon	12.5
Benzovindiflupyr	2.5
Bicyclopyrone	731.56095
Bifenazate	2.06

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Bifenthrin	589.3451152
Borax	28039.45808
Boric acid	0.25004
Boscalid	121.2905135
Brodifacoum	0.291942732
Bromadiolone	0.50924175
Bromethalin	0.00479175
Captan	240.618
Carbaryl	83.247804
Carfentrazone	22.99804375
Cedar Oil	17
Charcoal	1.96
Chlorantraniliprole	83.2404339
Chlorfenapyr	51.7810125
Chlorimuron ethyl	3.30025
Chloroneb	109.862
Chlorophacinone	0.00727
Chlorothalonil	11500.17925
Chlorpyrifos	47.8000402
Chlorsulfuron	0.963423
Cholecalciferol	0.098136375
Chromobacterium subtsugae	2.1
Citronella Oil	1.2046875
Clethodim	550.4192969
Clomazone	56.766
Clopyralid	2086.839719
Clothianidin	9.115554601
Clove oil	0.083398438
Copper	2.135
Copper Carbonate	1109.96454
Copper ethanolamine complex	16.068078
Copper Hydroxide	135.02815
Copper Octanoate	0.55535
Copper Oxychloride	5.1213
Cottonseed oil	0.083398438
Cube Resins other than rotenone	2.5
Cyantraniliprole	8.2552
Cyazofamid	7.2594
Cydia pomonella granulovirus	0.00096
Cyfluthrin	315.2122209
Cyhalothrin	0.002536875

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Cypermethrin	26.15705469
Cyproconazole	1.675
Cyprodinil	7.4398
Cytokinin	0.006
Dazomet	247.94
DCPA	30
Deltamethrin	9.348511628
Dicamba	2596.51751
Dichlobenil	4.125
Dichlorvos	4.9557475
Dicrotophos (Bidrin)	0.0640625
Didecyl dimethyl ammonium chloride	0.546402
Difenoconazole	2.5331
Difethialone	0.098393748
Diflubenzuron	0.05
Dimethenamid	5.34
Dinotefuran	13.4712697
Diphacinone	0.004664
Diphenylamine	30.8691
Diquat	28.14704113
Disodium Octaborate	355.672
Disodium Octaborate Tetrahydrate	662.8605068
Dithiopyr	554.1669276
d-Limonene	893.8625
DRC-1339	0.058166763
d-trans Allethrin	0.109400079
Emamectin Benzoate	1.931032012
Esfenvalerate	1.5474032
Ethalfuralin	181.6512
Ethephon	351.95
Etofenprox	1.5878125
Etoxazole	0.00235
Eugenol	32.35675
Extract of Reynoutria sachalinensis	1.6
Fenoxaprop-ethyl	5.038
Fenpropathrin	1.5
Fenvalerate	0.338798438
Fipronil	156.0005555
Fluazifop-P-butyl	1.32
Fluazinam	462.2973313
Fludioxonil	42.524735

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Flumetsulam	249.718
Flumioxazin	0.2
Fluopyram	48.97672
Fluoxastrobin	8.6075
Fluroxypyr	49.8224831
Flurprimidol	233.144925
Fluxapyroxad	99.1706
Fomesafen	172.52
Fosamine	652.04
Geraniol	30.632
Gibberellic Acid	0.001232
Glufosinate ammonium	0.4902
Glyphosate	41070.50311
Halosulfuron-methyl	161.1588938
Hexazinone	10
Hexythiazox	0.2
Hydramethylnon	0.069594694
Hydrogen peroxide	3.9246
Imazamox	2.6
Imazapic	19.1268
Imazapyr	611.3756375
Imazethapyr	37.25
Imidacloprid	982.4587813
Indaziflam	110.2716646
Indoxacarb	11.82888901
Iprodione	4160.14127
Iron HEDTA	298.72128
Isaria fumosorosea Apopka	0.0359375
Isofetamid	19.55022188
Isopropyl Alcohol	289.44927
Isoxaben	1.875
Isoxaflutole	2.5756
Kaolin	232.75
Kinetin	0.0040124
Lambda-cyhalothrin	656.7322022
Linalool	5.92
Malathion	203.10186
Mancozeb	1375.81
Mandestrobin	55
Mandipropamid	0.0624
MCPA	481.937

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Mecoprop	503.6758544
Mefenoxam	52.2455
Mefluidide	7.36
Mesotrione	5884.867736
Metam-Sodium	1917
Metarhizium anisopliae strain 5	0.55
Metconazole	68.0958
Methomyl	0.00906
Methoxyfenozide	6
Methylisothiocyanate	514.0806
Metofluthrin	0.05492
Metolachlor	63221.5621
Metribuzin	0.825
Metsulfuron methyl	112.3016788
Mineral oil	4634.824288
Monosodium methanearsonate	15
Myclobutanil	24.10473
N-Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium chloride	14.954268
Naphthalene	3.0611
Neem Oil	225.6972
Nicosulfuron	19.00566656
N-Octyl bicycloheptene dicarboximide	50.43253403
Novaluron	0.205
Orthoboric Acid	116.52545
Oryzalin	8
Oxytetracycline Hydrochloride	0.018309625
Paclobutrazol	61.33380086
Paraffinic Oil	0.15808
Pelargonic acid	0.654
Pendimethalin	292.206
Penoxsulam	0.8075452
Pentachloronitrobenzene	51.5
Penthiopyrad	3.44
Peppermint oil	96.7131875
Permethrin	388.1935113
Peroxyacetic Acid	0.794
Phenothrin	1.75810925
Phosmet	22.35625
Phosphorous acid	69.54432328
Picloram	2
Picoxystrobin	4.175

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Piperonyl butoxide	228.5409855
Polyoxorim	1.6272
Potassium salts of fatty acids	0.3467575
Prallethrin	4.778410972
Primisulfuron-methyl	23.647
Prodiamine	829.54115
Prohexadione calcium	13.10375
Prometon	25.32
Propamocarb hydrochloride	180.456
Propiconazole	524.2414875
Prosulfuron	262.19033
Prothioconazole	36.8
Puriproxyfen	0.001652
Pymetrozine	0.0125
Pyraclostrobin	272.665331
Pyraflufen ethyl	0.090801563
Pyrethrins	27.37980239
Pyrethrum	0.0665
Pyridalyl	0.0105
Pyriproxyfen	48.1235089
Quinclorac	213.852657
Quizalofop-P-ethyl	2.5696
Rimsulfuron	432.2514344
Rosemary oil	491.0528675
Rotenone	2.5
Saflufenacil	33.801
Sethoxydim	7.15
Silicon Dioxide	6.183146875
Simazine	4174.072
S-methoprene	0.03445875
Sodium nitrate	3.71
Soybean Oil	9.6375
Spinetoram	0.025
Spinosad	7.937
Spiromesifen	0.84
Streptomycin Sulfate	0.1806
Sulfentrazone	4.419205
Sulfometuron methyl	28.53144531
Sulfur	46.9956
Tebuconazole	1137.730025
Tembotrione	570.7008

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Tetramethrin	0.12531875
Thiabendazole Hypophosphite	9.6084
Thiamethoxam	8.107825275
Thiencarbazone-methyl	113.9787
Thifensulfuron	98.72124
Thifensulfuron-methyl	0.0898
Thiophanate-methyl	2305.792536
Thiram	59.1312
Thyme oil	37.7941409
Triadimefon	145.747465
Tribenuron-methyl	8.88511
Trichlorfon	1105.8832
Trichoderma harzianum Rifai strain T-22	0.025875
Triclopyr	5308.805097
Trifloxystrobin	263.699425
Trifluralin	10.4508
Trinexapac-ethyl	148.989006
Triticonazole	10.7501
Uniconazole-P	7.51953E-05
Vinclozolin	18.84
Z-9-Tricosene	0.063970625
Zeta-cypermethrin	1.59471
Zinc ion and manganese ethylenebisdithiocarbamate	144.66
Zinc phosphide	1.7059375
Grand Total	331921

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