

Common and Chemical Names of Herbicides^a

| Common Name or Designation | Chemical Name ^b | Common Name or Designation | Chemical Name ^b |
|--|---|--|---|
| A acrolein (á krō'le ín) alachlor (ál'á klōr) | acrolein 2-chloro-2',6'-diethyl- <i>N</i> - (methoxymethyl) acetanilide | K karbutilate (kar byüt'1 át) | <i>tert</i> -butylcarbamic acid ester with 3-(<i>m</i> -hydroxyphenyl)-1,1-dimethylurea potassium cyanate |
| ametryne (ám'ě trin) | 2-(ethylamino)-4-(isopropylamino)-6- (methylthio)- <i>s</i> -triazine | KOCON | |
| amiben (see chloramben) amitrole (ám'í trōl) AMS asulam (ás' ul ám) atratone (á' trá tōn) | 3-amino- <i>s</i> -triazole ammonium sulfamate methyl sulfanylicarbamate 2-(ethylamino)-4-(isopropylamino)-6-methoxy- <i>s</i> -triazine | L lenacil (lén'á cfl) linuron (lín'ū rōn) | 3-cyclohexyl-6,7-dihydro-1 <i>H</i> -cyclopenta = pyrimidine-2,4-(3 <i>H</i> ,5 <i>H</i>)-dione 3-(3,4-dichlorophenyl)-1-methoxy-1-methylurea |
| atrazine (á' trá zēn) | 2-chloro-4-(ethylamino)-6-(isopropylamino)- <i>s</i> -triazine | M MAA MAMA MCPA MCPB MCPES MCPFP (see mecoprop) mecoprop (méc'ō prōp) metham (méth'ám) methazole (méth'á-zōl) | methaneearsonic acid monoammonium methaneearsonate [(4-chloro- <i>o</i> -tolyl)oxy]acetic acid 4-[(4-chloro- <i>o</i> -tolyl)oxy]butyric acid 2-[(4-chloro- <i>o</i> -tolyl)oxy]ethyl sodium sulfate |
| B barban (bār'bán) bentfen (bén'ě fín) | 4-chloro-2-butynyl <i>m</i> -chlorocarbanilate <i>N</i> -butyl- <i>N</i> -ethyl- <i>a</i> , <i>a</i> , <i>a</i> -trifluoro-2,6-dinitro- <i>p</i> - toluidine | metobromuron (mět'ō brom'ū rōn) metribuzin (mē-trī-bu'zín) | 2-[(4-chloro- <i>o</i> -tolyl)oxy]propionic acid sodium methylthiocarbamate 2-(3,4-dichlorophenyl)-4-methyl-1,2,4- oxadiazolidine-3,5-dione 3-(<i>p</i> -bromophenyl)-1-methoxy-1-methylurea 4-amino-6- <i>tert</i> -butyl-3-(methylthio)- <i>s</i> - triazin-5(4 <i>H</i>)one |
| bensulidic (bén'sül id) | <i>O</i> , <i>O</i> -diisopropyl phosphorodithioate <i>S</i> -ester with <i>N</i> -(2-mercaptoethyl) benzeneulfonamide (bén'tá zōn) 3-isopropyl-1 <i>H</i> -2,1,3-benzothiazin- (4)3 <i>H</i> -one 2,2-dioxide (benzamidooxy)acetic acid | MH molinat (mō'íl nāt) monolinuron (mōn'ō lín'ū rōn) monuron (mōn'ū rōn) monuronTCA | 1,2-dihydro-3,6-pyridazinedione <i>S</i> -ethyl hexahydro-1 <i>H</i> -azepine-1-carbothioate 3-(<i>p</i> -chlorophenyl)-1-methoxy-1-methylurea 3-(<i>p</i> -chlorophenyl)-1,1-dimethylurea 3-(<i>p</i> -chlorophenyl)-1,1-dimethylurea mono(trichloroacetate) monosodium methaneearsonate |
| bentazon | 5-bromo-3- <i>sec</i> -butyl-6-methyluracil 3,5-dibromo-4-hydroxybenzoxazole <i>N</i> -(butoxymethyl)-2-chloro-2',6'- diethylacetanilide | MSMA | |
| benzadox (bén'zux dōx) bromacil (brō'má síl) bromoxynil (brō mōx'ý níl) butachlor (byüt'a klōr) | 3-(<i>p</i> -chlorophenyl)-1-methyl-1-(1-methyl-2- propynyl)urea <i>S</i> -ethyl diisobutylthiocarbamate | N naptalam (náp'tá lám) neburon (nēb'ū rōn) nitralin (ní'trá lín) | <i>N</i> -1-naphthylphthalamic acid 1-butyl-3-(3,4-dichlorophenyl)-1-methylurea 4-(methylsulfonyl)-2,6-dinitro- <i>N,N</i> - dipropylaniline 2,4-dichlorophenyl <i>p</i> -nitrophenyl ether 3-(hexahydro-4,7-methanoindan-5-yl)-1,1- dimethylurea |
| buturon (bū'tū rōn) | | nitrofen (ní'trō fēn) norea (nō rē'uh) | |
| butylate (bū'tý lāt) | | NPA (see naptalam) | |
| C cacodylic acid (cá'cō dýl'íc) carbetamide (cār bēt' á mide) CDA CDEG chloramben (klōr ám'bēn) chlorazine (klōr'á zēn) chlorbromuron (klōr' brōm u rōn) | hydroxydimethylarsine oxide <i>D,N</i> -ethylacetamide carbanilate (ester) <i>D,N</i> -diallyl-2-chloroacetamide 2-chloroallyl diethyldithiocarbamate 3-amino-2,5-dichlorobenzoic acid 2-chloro-4,6-bis(diethylamino)- <i>s</i> -triazine 3-(4-bromo-3-chlorophenyl)-1- methoxy-1-methylurea 3-[<i>p</i> -chlorophenoxy]phenyl]-1,1-dimethyl = urea isopropyl <i>m</i> -chlorocarbanilate | O oryzalin (ō rí'zá lín) | 3,5-dinitro- <i>N,N</i> '-dipropylsulfanilamide |
| chloroxuron (klō rōx'ū rōn) | | P paraquat (pár' á kwát) PBA PCP pebulate (pēb'ū lāt) phenmedipham (fēn mēd'í fām) | 1,1'-dimethyl-4,4'-bipyridinium ion chlorinated benzoic acid pentachlorophenol <i>S</i> -propyl butylethylthiocarbamate methyl <i>m</i> -hydroxycarbanilate <i>m</i> -methylcar = banilate 4-amino-3,5,6-trichloropicolinic acid (acetato)phenylmercury 2,4-bis(isopropylamino)-6-methoxy- <i>s</i> -triazine 2,4-bis(isopropylamino)-6-(methylthio)- <i>s</i> - triazine |
| chlorpropham (clōr prō'fām) CIPC (see chlorpropham) CMA cyanazine (cí-án'-á-zēn) | calcium methaneearsonate 2-[[4-chloro-6-(ethylamino)- <i>s</i> -triazin- 2-yl]amino]-2-methylpropionitrile <i>S</i> -ethyl <i>N</i> -ethylthiocyclohexanecarbamate 3-cyclooctyl-1,1-dimethylurea 2-chloro-4-(cyclopropylamino)-6- (isopropylamino)- <i>s</i> -triazine 3',4'-dichlorocyclopropanecarboxanilide | picloram (plē'lōr ám) PMA prometone (prō'mēt tōn) prometryne (prō'mē trín) prometamide (prōn'á mide) propachlor (prō'pá clōr) propanil (prō'pá níl) propazine (prō'pá zēn) propham (prō' fām) prynachlor (prim' á klōr) | |
| cyloate (sí'prā zēn) | | pyrazon (pí'rá zōn) pyriclor (pí'rí clōr) | <i>N</i> -(1,1-dimethylpropynyl)-3,5- dichlorobenzamide 2-chloro- <i>N</i> -isopropylacetanilide 3',4'-dichloropropionanilide 2-chloro-4,6-bis(isopropylamino)- <i>s</i> -triazine isopropyl carbanilate 2-chloro- <i>N</i> -(1-methyl-2-phenylpropynyl) = acetanilide 5-amino-4-chloro-2-phenyl-3-(2 <i>H</i>)-pyridazinone 2,3,5-trichloro-4-pyridinol |
| cyromid (sí'prō míd) | | S sesone (sēs'ōn) siduron (sí'd'ū rōn) silvex (síl'vēks) simazine (sí'm'á zēn) simetone (sí'm'ē tōn) simetryne (sí'm'ě trin) SMDC (see metham) solan (sō'lán) swep (swēp) | 2-(2,4-dichlorophenoxy)ethyl sodium sulfate 1-(2-methylcyclohexyl)-3-phenylurea 2-(2,4,5-trichlorophenoxy)propionic acid 2-chloro-4,6-bis(ethylamino)- <i>s</i> -triazine 2,4-bis(ethylamino)-6-methoxy- <i>s</i> -triazine 2,4-bis(ethylamino)-6-(methylthio)- <i>s</i> -triazine 3'-chloro-2-methyl- <i>p</i> -valerotoluidide methyl 3,4-dichlorocarbanilate |
| D dalapon (dāl'á pōn) dazomet (dáz'ō mēt) | 2,2-dichloropropionic acid tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine- 2-thione dimethyl tetrachloroterephthalate 1,3-bis(2,2,2-trichloro-1-hydroxyethyl)urea 2-chloro- <i>N</i> -(isobutoxymethyl)-2',6'- acetyloxylidide | | |
| DCPA DCU delachlor (dēl á klōr') | 2-(isopropylamino)-4-(methylamino)-6- (methylthio)- <i>s</i> -triazine <i>S</i> -(2,3-dichloroallyl) diisopropylthiocarbamate 3,6-dichloro- <i>o</i> -anisic acid 2,6-dichlorobenzonitrile 3,4-dichlorobenzyl methylcarbamate 2-(2,4-dichlorophenoxy)propionic acid 3',4'-dichloro-2-methylacrylanilide <i>N,N</i> '-diethyl- <i>a</i> , <i>a</i> , <i>a</i> -trifluoro-3,5- dinitrotoluene-2,4-diamine 2-(1-methylbutyl)-4,6-dinitrophenol 2- <i>sec</i> -butyl-4,6-dinitrophenol <i>N,N</i> -dimethyl-2,2-diphenylacetamide 6,7-dihydrodipyrido[1,2- <i>a</i> :2',1'- <i>c</i>]pyrazinedi = jum ion 3-(3,4-dichlorophenyl)-1,1-dimethylurea | | |
| desmetryne (dēs'mē trin) | | | |
| diallate (dī'ál lāt) | | | |
| dicamba (dī kám'bá) | | | |
| dichlobenil (dī'clō bēn'íl) | | | |
| dichlormate (dī'clōr mātē) | | | |
| dichlorprop (dī'clōr prōp) | | | |
| dicryl (dī'críl) | | | |
| dinitramine (dī-nī'-trá-mēn) | | | |
| dinosam (dī'nō sām) | | | |
| dinoseb (dī'nō sēb) | | | |
| diphenamid (dī'fēn'á míd) | | | |
| diquat (dī'kwát) | | | |
| diuron (dī'ū rōn) | | | |
| DMTT (see dazomet) | | | |
| DNAP (see dinosam) | | | |
| DNBP (see dinoseb) | | | |
| DNC (see DNOC) | | | |
| DNOC | | | |
| DSMA | | | |
| E endothal (ēn'dō thāl) | | | |
| EPTC | | | |
| erbon (ēr'bōn) | | | |
| EXD | | | |
| F fenac (fēn'ác) fenuron (fēn'ū rōn) fenuronTCA | 7-oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid <i>S</i> -ethyl dipropylthiocarbamate 2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloro = propionate <i>O,O</i> -diethyl dithiobis(thioformate) | | |
| fluometuron (flū ō mēt'ū rōn) fluorodifen (flūr ō dī'fēn) | | | |
| H HCA hexafluorate (hēx'á fflōr'áte) | | | |
| I ioxynil (í'ōx'ý níl) ipazine (íp'á zēn) | 4-hydroxy-3,5-diiodobenzonitrile 2-chloro-4-(diethylamino)-6-(isopropylamino)- <i>s</i> -triazine | | |
| IPC (see propham) isocil (í'sō síl) isopropalin (í'sōprō'pá lín) | 5-bromo-3-isopropyl-6-methyluracil 2,6-dinitro- <i>N,N</i> -dipropylcumidine | | |

^aHerbicides no longer in use in USA are omitted. Complete listing, including this, is in WEEDS 14(4), 1966.

^bAs tabulated in this paper, a chemical name occupying two lines separated by an equal (=) sign is joined together without any separation if written on one line.

^cThis herbicide is usually available as mixed isomers. When possible, the isomers should be identified, the amount of each isomer in the mixture specified and the source of the experimental chemicals given.