

Common and Chemical Names of Herbicides^a

| Common Name or Designation | Chemical Name |
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| acetochlor (ə-ˈtʃe-tə-klɔr) | 2-chloro- <i>N</i> (ethoxymethyl)-6'-ethyl- <i>o</i> -acetotoluidide |
| acifluorfen (as-ē-ˈflɔr-fen) | 5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoic acid |
| acrolein (ə-ˈkrɔl-ē-ən) | acrolein |
| alachlor (al-ə-klɔr) | 2-chloro-2',6'-diethyl- <i>N</i> (methoxymethyl)acetanilide |
| ametryn (am-ə-ˈtrɪn) | 2-(ethylamino)-4-(isopropylamino)-6-(methylthio)- <i>s</i> -triazine |
| amitrole (am-ə-ˈtrɔl) | 3-amino- <i>s</i> -triazole |
| AMS | ammonium sulfamate |
| asulam (az-ū-lam) | methyl sulfanilylcarbamate |
| atrazine (a-ˈtrə-zēn) | 2-chloro-4-(ethylamino)-6-(isopropylamino)- <i>s</i> -triazine |
| barban (bār-ban) | 4-chloro-2-butynyl <i>m</i> -chlorocarbanilate |
| benefin (ˈben-ə-fin) | <i>N</i> -butyl- <i>N</i> -ethyl- α,α,α -trifluoro-2,6-dinitro- <i>p</i> -toluidine |
| bensulide (ˈben-sū-līd) | <i>O,O</i> -diisopropyl phosphorodithioate <i>S</i> -ester with <i>N</i> -(2-mercaptoethyl)benzenesulfonamide |
| bentazon (ˈben-tə-zon) | 3-isopropyl-1 <i>H</i> -2,1,3-benzothiadiazin-4(3 <i>H</i>)-one 2,2-dioxide |
| benzadox (ˈben-zə-doks) | (benzamidooxy)acetic acid |
| benzipram (ˈben-zī-pram) | 3,5-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)benzamide |
| benzoylprop (ˈben-zō-īl-prop) | <i>N</i> -benzoyl- <i>N</i> -(3,4-dichlorophenyl)- <i>DL</i> -alanine |
| bifenox (ˈbī-fen-oks) | methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate |
| bromacil (brōm-ə-sil) | 5-bromo-3- <i>sec</i> -butyl-6-methyluracil |
| bromoxynil (brōm-ˈoks-i-nīl) | 3,5-dibromo-4-hydroxybenzotrile |
| butachlor (ˈbū-tə-klɔr) | <i>N</i> -(butoxymethyl)-2-chloro-2',6'-diethylacetanilide |
| butam (bū-tam) | 2,2-dimethyl- <i>N</i> -(1-methylethyl)- <i>N</i> -(phenylmethyl)propanamide |
| buthidazole (bū-ˈthīd-ə-zōl) | 3-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-4-hydroxy-1-methyl-2-imidazolidinone |
| butralin (bū-trə-lin) | 4-(1,1-dimethylethyl)- <i>N</i> -(1-methylpropyl)-2,6-dinitrobenzamine |
| butylate (bū-tī-lāt) | <i>S</i> -ethyl diisobutylthiocarbamate |
| cacodylic acid (ˈka-kō-ˈdīl-ik-ˈas-īd) | hydroxydimethylarsine oxide |
| cambendichlor (kam-ˈben-də-klɔr) | (phenylimino)di-2,1-ethanediyil bis (3,6-dichloro-2-methoxybenzoate) |
| carbetamide (kär-ˈbet-ə-mīd) | <i>D,N</i> -ethylactamide carbanilate (ester) |
| CDA | <i>N,N</i> -diallyl-2-chloroacetamide |
| CDEC | 2-chloroallyl diethylthiocarbamate |
| chloramben (klɔr-ˈam-ben) | 3-amino-2,5-dichlorobenzoic acid |
| chlorbromuron (klɔr-ˈbrōm-ū-ron) | 3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea |
| chloroxuron (klɔr-ˈoks-ū-ron) | 3-[<i>p</i> -(<i>p</i> -chlorophenoxy)phenyl]-1,1-dimethylurea |
| chlorpropham (klɔr-ˈprɔ-fam) | isopropyl <i>m</i> -chlorocarbanilate |
| chlorsulfuron (klɔr-ˈsul-fū-ron) | 2-chloro- <i>N</i> -[[4-methoxy-6-methyl-1,3,5-triazin-2-yl]amino] carbonyl] benzenesulfonamide |
| cisanilide (sis-ˈan-ə-līd) | <i>cis</i> -2,5-dimethyl- <i>N</i> -phenyl-1-pyrrolidincarboxamide |
| CMA | calcium methanearsonate |
| cyazafop (sī-ˈan-ə-zēn) | 2-[[4-chloro-6-(ethylamino)- <i>s</i> -triazin-2-yl] amino]-2-methylpropionitrile |
| cycloate (sī-ˈklɔ-āt) | <i>S</i> -ethyl <i>N</i> -ethylthiocyclohexanecarbamate |
| cycluron (sī-ˈkloo-ron) | 3-cyclooctyl-1,1-dimethylurea |
| cyperquat (sī-ˈpɛr-kwāt) | 1-methyl-4-phenylpyridinium |
| cyprazine (sī-ˈprə-zēn) | 2-chloro-4-(cyclopropylamino)-6-(isopropylamino)- <i>s</i> -triazine |
| cyprazole (sī-ˈprə-zōl) | <i>N</i> -[5-(2-chloro-1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl] cyclopropanecarboxamide |
| cypromid (sī-ˈprō-mīd) | 3',4'-dichlorocyclopropanecarboxanilide |
| dalapon (ˈdal-ə-pon) | 2,2-dichloropropionic acid |
| dazomet (ˈdaz-ə-met) | tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine-2-thione |
| DCPA | dimethyl tetrachloroterephthalate |
| desmedipham (dez-ˈmed-ə-fam) | ethyl <i>m</i> -hydroxycarbanilate carbanilate (ester) |
| desmetryn (ˈdez-mə-ˈtrɪn) | 2-(isopropylamino)-4-(methylamino)-6-(methylthio)- <i>s</i> -triazine |
| diallate (ˈdī-ə-lāt) | 5-(2,3-dichloroallyl)diisopropylthiocarbamate |
| dicamba (dī-ˈkam-bə) | 3,6-dichloro- <i>o</i> -anisic acid |
| dichlobenil (dī-ˈklɔ-ˈben-əl) | 2,6-dichlorobenzotrile |
| dichlorprop (ˈdī-klɔr-prop) | 2-(2,4-dichlorophenoxy)propionic acid |
| diclofop (dī-ˈklɔ-fɔp) | 2-[4-(2,4-dichlorophenoxy)phenoxy] propanoic acid |
| diethatyl (dī-ˈeth-ə-tīl) | <i>N</i> -(chloroacetyl)- <i>N</i> -(2,6-diethylphenyl)glycine |
| difenopenten (dī-fen-ə-ˈpen-ten) | 4-[4-(4-(trifluoromethyl)phenoxy)phenoxy]-2-pentenoic acid |
| difenzoquat (dī-ˈfen-zō-kwāt) | 1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium |
| dinitramine (dī-ˈnīt-rā-mēn) | <i>N,N,N'</i> -diethyl- α,α,α -trifluoro-3,5-dinitrotoluene-2,4-diamine |
| dinoseb (dī-nō-seb) | 2- <i>sec</i> -butyl-4,6-dinitrophenol |
| diphenamid (dī-ˈfen-ə-mīd) | <i>N,N</i> -dimethyl-2,2-diphenylacetamide |
| dipropetryn (dī-ˈprɔp-ə-ˈtrɪn) | 2-(ethylthio)-4,6-bis (isopropylamino)- <i>s</i> -triazine |
| diquat (dī-ˈkwāt) | 6,7-dihydrodipyrido[1,2- α :2',1'- c] pyrazinedium ion |
| diuron (dī-ū-ron) | 3-(3,4-dichlorophenyl)-1,1-dimethylurea |
| DNOC | 4,6-dinitro- <i>o</i> -cresol |
| DSMA | disodium methanearsonate |
| endothall (en-dō-thol) | 7-oxabicyclo[2.2.1] heptane-2,3-dicarboxylic acid |
| EPTC | <i>S</i> -ethyl dipropylthiocarbamate |
| erbon (er-bon) | 2-(2,4,5-trichlorophenoxy)ethyl 2,2-dichloropropionate |
| ethalfluralin (eth-əl-ˈflur-ə-lin) | <i>N</i> -ethyl- <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine |
| ethiolate (e-ˈthī-ō-lāt) | <i>S</i> -ethyl diethylthiocarbamate |
| ethofumesate (eth-ō-ˈfū-mə-sat) | (±)-2-ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranyl methanesulfonate |
| fenac (ˈfen-ak) | (2,3,6-trichlorophenyl)acetic acid |
| fenuron (ˈfen-ū-ron) | 1,1-dimethyl-3-phenylurea |
| fenuron TCA | 1,1-dimethyl-3-phenylurea mono(trichloroacetate) |
| flamprop (ˈflam-prop) | <i>N</i> -benzoyl- <i>N</i> -(3-chloro-4-fluorophenyl)- <i>DL</i> -alanine |
| fluchloralin (flɔ-ˈklɔr-ə-lin) | <i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)aniline |
| fluometuron (flō-ˈmēt-ū-ron) | 1,1-dimethyl-3-(α,α,α -trifluoro- <i>m</i> -tolyl)urea |
| fluorodifen (flō-ˈrɔ-dē-fen) | <i>p</i> -nitrophenyl (α,α,α -trifluoro-2-nitro- <i>p</i> -tolyl)urea |
| fluridone (ˈflur-i-dōn) | 1-methyl-3-phenyl-5-[3-(trifluoromethyl)phenyl]-4(1 <i>H</i>)-pyridinone |
| fosamine (ˈfɔs-ə-mēn) | ethyl hydrogen (aminocarbonyl)phosphonate |
| glyphosate (ˈglī-fɔ-sat) | <i>N</i> -(phosphonomethyl)glycine |
| hexaflurate (heks-ə-ˈflur-āt) | potassium hexafluoroarsenate |
| hexazinone (heks-ˈaz-ə-nōn) | 3-cyclohexyl-6-(dimethylamino)-1-methyl-1,3,5-triazine-2,4(1 <i>H</i> ,3 <i>H</i>)-dione |
| ioxynil (ī-ˈoks-i-nīl) | 4-hydroxy-3,5-diiodobenzotrile |

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| isopropalin (i-sō 'p-rōp-ə-lin) isouron (i-sō 'ū-ron) | 2,6-dinitro- <i>N,N</i> -dipropylcumidine <i>N'</i> -[5-(1,1-dimethylethyl)-3-isoxazolyl]- <i>N,N</i> -dimethylurea |
| karbutilate (kār 'bū-tə-lāt) | <i>tert</i> -butylcarbamic acid ester with 3(<i>m</i> -hydroxyphenyl)-1,1-dimethylurea |
| lenacil ('len-ə-sil) linuron ('lin-ū-ron) | 3-cyclohexyl-6,7-dihydro-1 <i>H</i> -cyclopentapyrimidine-2,4(3 <i>H</i> ,5 <i>H</i>)-dione 3-(3,4-dichlorophenyl)-1-methoxy-1-methylurea |
| MAA MAMA MCPA MCPB mecoprop ('mek-ō-prop) mefluidide (me 'fīdō-i-dīd) methalpropalin (meth-əl 'p-rōp-ə-lin) metham ('meth-am) methazole ('meth-ə-zōl) metolachlor (mə 'tol-ə-klōr) metribuzin ('me-tri 'bū-zōn) MH molinate ('mō-lin-āt) monolinuron (mon-ō 'lin-ū-ron) monuron ('mon-ū-ron) monuron TCA MSMA | methanearsonic acid monoammonium methanearsonate [(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] propionic acid <i>N</i> -[2,4-dimethyl-5-[[trifluoromethyl]sulfonyl] amino] phenyl] acetamide <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoro-methyl)benzenamine sodium methylthiocarbamate 2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione 2-chloro- <i>N</i> -(2-ethyl-6-methylphenyl)- <i>N</i> -(2-methoxy-1-methylethyl)acetamide 4-amino-6- <i>tert</i> -butyl-3-(methylthio)- <i>as</i> -triazin-5(4 <i>H</i>)-one 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 methanearsonate |
| napropamide (na 'p-rōp-ə-mīd) naptalam ('nap-tə-lam) neburon ('neb-ū-ron) nitralin ('nī-trə-lin) nitrofen ('nī-trō-fen) nitrofluorfen (nī-trō 'fīōr-fen) norea (nō 'Yē-ə) norflurazon (nōr 'flur-ə-zōn) | 2-(α -naphthoxy)- <i>N,N</i> -diethylpropionamide <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 2-chloro-1-(4-nitrophenoxy)-4-(trifluoromethyl)benzene 3-(hexahydro-4,7-methanoindan-5-yl)-1,1-dimethylurea 4-chloro-5-(methylamino)-2-(α,α,α -trifluoro- <i>m</i> -tolyl)-3(2 <i>H</i>)-pyridazinone |
| oryzalin (ō 'rīz-ə-lin) oxadiazon (oks-ə 'dī-ə-zōn) oxyfluorfen (oks-ē 'fīōr-fen) | 3,5-dinitro- <i>N</i> ⁴ , <i>N</i> ⁴ -dipropylsulfanilamide 2- <i>tert</i> -butyl-4(2,4-dichloro-5-isopropoxyphenyl)- Δ^2 -1,3,4-oxadiazolin-5-one 2-chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)benzene |
| paraquat ('pār-ə-kwāt) PBA pebulate ('peb-ū-lāt) pendimethalin (pen-dī 'meth-ə-lin) perfludione (pūr 'fīō-ī-dōn) phenmedipham (fen 'med-ə-fam) picloram ('pik-lō-ram) procyazine (prō 'sī-ə-zēn) prodiamine (prō 'dī-ə-mēn) profluralin (prō 'flur-ə-lin) prometon ('prō-mə-ton) prometryn ('prō-mə-trīn) pronamide ('prō-nə-mīd) propachlor ('prō-pə-klōr) propanil ('prō-pə-nīl) propazine ('prō-pə-zēn) propham ('prō-fam) prosulfalin (prō 'sul-fə-lin) prynachlor ('prī-nə-klōr) pyrazon ('pī-rə-zōn) | 1,1'-dimethyl-4,4'-bipyridinium ion chlorinated benzoic acid <i>S</i> -propyl butylethylthiocarbamate <i>N</i> -(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine 1,1,1-trifluoro- <i>N</i> -[2-methyl-4-(phenylsulfonyl)phenyl] methanesulfonamide methyl <i>m</i> -hydroxycarbanilate <i>m</i> -methylcarbanilate 4-amino-3,5,6-trichloropicolinic acid 2-[[4-chloro-6-(cyclopropylamino)-1,3,5-triazine-2-yl] amino]-2-methylpropanenitrile 2,4-dinitro- <i>N</i> ³ , <i>N</i> ³ -dipropyl-6-(trifluoromethyl)-1,3-benzenediamine <i>N</i> -(cyclopropylmethyl)- α,α,α -trifluoro-2,6-dinitro- <i>N</i> -propyl- <i>p</i> -toluidine 2,4-bis(isopropylamino)-6-methoxy- <i>s</i> -triazine 2,4-bis(isopropylamino)-6-(methylthio)- <i>s</i> -triazine 3,5-dichloro(<i>N</i> -1,1-dimethyl-2-propynyl)benzamide 2-chloro- <i>N</i> -isopropylacetanilide 3',4'-dichloropropionanilide 2-chloro-4,6-bis(isopropylamino)- <i>s</i> -triazine isopropyl carbanilate <i>N</i> -[[4-(dipropylamino)-3,5-dinitrophenyl] sulfonyl]- <i>S,S</i> -dimethylsulfilimine 2-chloro- <i>N</i> -(1-methyl-2-propynyl)acetanilide 5-amino-4-chloro-2-phenyl-3(2 <i>H</i>)-pyridazinone |
| secbumeton (sek 'bū-mə-ton) siduron ('sid-ū-ron) silvex ('sil-veks) simazine ('sim-ə-zēn) simetryn ('sim-ə-trīn) | <i>N</i> -ethyl-6-methoxy- <i>N'</i> (1-methylpropyl)-1,3,5-triazine-2,4-diamine 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-(methylthio)- <i>s</i> -triazine |
| TCA tebuthiuron (teb-ū 'thī-ū-ron) terbacil ('tur-bə-sil) terbuchlor ('tur-bū-klōr) terbuthylazine (tur-bū 'thī-lə-zēn) terbutol ('tur-bū-tōl) terbutryn ('tur-bū-trīn) tetrafluron (te-trə 'fīōr-ron) thiobencarb (thī-ō 'ben-kārb) triallate ('trī-ə-lāt) triclopyr ('trī-klō-pīr) trifluralin (trī 'flur-ə-lin) trimeturon (trī 'met-ū-ron) | trichloroacetic acid <i>N</i> -[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]- <i>N,N'</i> -dimethylurea 3- <i>tert</i> -butyl-5-chloro-6-methyluracil <i>N</i> -(butoxymethyl)-2-chloro- <i>N</i> -[2-(1,1-dimethylethyl)-6-methylphenyl] acetamide 2-(<i>tert</i> -butylamino)-4-chloro-6-(ethylamino)- <i>s</i> -triazine 2,6-di- <i>tert</i> -butyl- <i>p</i> -tolyl methylcarbamate 2-(<i>tert</i> -butylamino)-4-(ethylamino)-6-(methylthio)- <i>s</i> -triazine <i>N,N</i> -dimethyl- <i>N'</i> -[3-(1,1,2,2-tetrafluoroethoxy)phenyl] urea <i>S</i> -[[4-chlorophenyl)methyl] diethylcarbamothioate <i>S</i> -(2,3,3-trichloroallyl)diisopropylthiocarbamate [(3,5,6-trichloro-2-pyridinyl)oxy] acetic acid α,α,α -trifluoro-2,6-dinitro- <i>N,N</i> -dipropyl- <i>p</i> -toluidine 1-(<i>p</i> -chlorophenyl)-2,3,3-trimethylpseudourea |
| 2,3,6-TBA ^b 2,4-D 2,4-DB 2,4-DEP 2,4,5-T | 2,3,6-trichlorobenzoic acid (2,4-dichlorophenoxy)acetic acid 4-(2,4-dichlorophenoxy)butyric acid <i>tris</i> [2-(2,4-dichlorophenoxy)ethyl] phosphite (2,4,5-trichlorophenoxy)acetic acid |
| vernolate ('vūr-nō-lāt) | <i>S</i> -propyl dipropylthiocarbamate |
| xylachlor ('zī-lə-klōr) | 2-chloro- <i>N</i> -(2,3-dimethylphenyl)- <i>N</i> -(1-methylethyl)acetamide |

^aHerbicides no longer in use in USA are omitted. Complete listing, including these, is in *WEEDS* 14(4), 1966 and *Weed Science* 23(1), 1975.

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