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Common and Chemical Names of Herbicides^a

Common Name or Designation	Chemical Name
acetochlor (ə-ˈsē-tə-klōr)	2-chloro- <i>N</i> -(ethoxymethyl)- <i>N</i> -(2-ethyl-6-methylphenyl)acetamide
acifluorfen (as-ē-ˈflōōr-fen)	5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoic acid
acrolein (ə-ˈkrō-lē-ən)	2-propenal
alachlor (al-ə-klōr)	2-chloro- <i>N</i> -(2,6-diethylphenyl)- <i>N</i> -(methoxymethyl)acetamide
ametryn (am-ə-trīn)	<i>N</i> -ethyl- <i>N'</i> -(1-methylethyl)-6-(methylthio)-1,3,5-triazine-2,4-diamine
amitrole (am-ə-trōl)	1 <i>H</i> -1,2,4-triazol-3-amine
AMS	ammonium sulfamate
asulam (az-ū-lam)	methyl[(4-aminophenyl)sulfonyl] carbamate
atrazine (a-trə-zēn)	6-chloro- <i>N</i> -ethyl- <i>N'</i> -(1-methylethyl)-1,3,5-triazine-2,4-diamine
barban (bār-ban)	4-chloro-2-butyryl 3-chlorophenylcarbamate
benefin (ben-ə-fin)	<i>N</i> -butyl- <i>N</i> -ethyl-2,6-dinitro-4-(trifluoromethyl)benzenamine
bensulfuron (ben-ˈsulf-ū-ron)	2-[[[[[4,6-dimethoxy-2-pyrimidinyl]amino] carbonyl] amino] sulfonyl] methyl] benzoic acid
bensulide (ben-sə-lid)	<i>O,O</i> -bis(1-methylethyl) <i>S</i> -[2-[(phenylsulfonyl)amino] ethyl] phosphorodithioate
bentazon (ben-tə-zon)	3-(1-methylethyl)-(1 <i>H</i>)-2,1,3-benzothiadiazin-4(3 <i>H</i>)-one 2,2-dioxide
benzoflour (ben-zō-flōōr)	<i>N</i> -[4-(ethylthio)-2-(trifluoromethyl)phenyl] methanesulfonamide
benzoylprop (ben-zō-il-prop)	<i>N</i> -benzoyl- <i>N</i> -(3,4-dichlorophenyl)- <i>DL</i> -alanine
bifenox (bī-fen-oks)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (brōm-ə-sil)	5-bromo-6-methyl-3-(1-methylpropyl)-2,4(1 <i>H</i> ,3 <i>H</i>)pyrimidinedione
bromoxynil (brōm-ˈoks-i-nil)	3,5-dibromo-4-hydroxybenzotrile
butachlor (bū-ta-klōr)	<i>N</i> -(butoxymethyl)-2-chloro- <i>N</i> -(2,6-diethylphenyl)acetamide
buthidazole (bū-ˈthid-ə-zōl)	3-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-4-hydroxy-1-methyl-2-imidazolidinone
butylate (bū-ti-lāt)	<i>S</i> -ethyl bis(2-methylpropyl)carbamothioate
caecydlic acid (ˈka-kō-ˈdil-ik-ˈas-id)	dimethyl arsinic acid
CDA	2-chloro- <i>N,N</i> -di-2-propenylacetamide
chloramben (klōr-ˈam-ben)	3-amino-2,5-dichlorobenzoic acid
chlorimuron (klōr-ˈim-ū-ron)	2-[[[[[4-chloro-6-methoxy-2-pyrimidinyl]amino] carbonyl] amino] sulfonyl] benzoic acid
chloroxuron (klōr-ˈoks-ū-ron)	<i>N'</i> -[4-(4-chlorophenoxy)phenyl]- <i>N,N</i> -dimethylurea
chlorthalipropham (klōr-ˈprōf-am)	1-methylethyl 3-chlorophenylcarbamate
chlorsulfuron (klōr-ˈsulf-ū-ron)	2-chloro- <i>N</i> -[[[4-methoxy-6-methyl-1,3,5-triazin-2-yl]amino] carbonyl] benzenesulfonamide
cinnemethylin (sin-ˈmeth-ə-lin)	<i>exo</i> -1-methyl-4-(1-methylethyl)-2-[[2-(methylphenyl)methoxy]-7-oxabicyclo[2.2.1]heptane
clethodim (ˈkled-ō-dim)	(<i>E,E</i>)-(+)-2-[1-[[3-chloro-2-propenyl]oxy] imino] propyl]-5-[2-(ethylthio)propyl]-3-hydroxy-2-cyclohexen-1-one
clomazone (ˈklō-ma-zōn)	2-[[2-chlorophenyl]methyl]-4,4-dimethyl-3-isoxazolidinone
cloproxydim (klō-ˈprōks-ə-dim)	(<i>E,E</i>)-2-[1-[[3-chloro-2-propenyl]oxy] imino] butyl]-5-[2-(ethylthio)propyl]-3-hydroxy-2-cyclohexen-1-one
clopyralid (klō-ˈpir-ə-lid)	3,6-dichloro-2-pyridinecarboxylic acid
CMA	calcium salt of MAA
cyanazine (sī-ˈan-ə-zēn)	2-[[4-chloro-6-(ethylamino)-1,3,5-triazin-2-yl] amino]-2-methylpropanenitrile
cycloate (ˈsī-klō-āt)	<i>S</i> -ethyl cyclohexylethylcarbamothioate
dalapon (ˈdal-ə-pon)	2,2-dichloropropanoic acid
dazomet (ˈdaz-ō-met)	tetrahydro-3,5-dimethyl-2 <i>H</i> -1,3,5-thiadiazine-2-thione
DCEA	dimethyl 2,3,5,6-tetrachloro-1,4-benzenedicarboxylate
desmedipham (dez-ˈmed-ə-fam)	ethyl [3-[[[(phenylamino)carbonyl] oxy] phenyl] carbamate
diallate (ˈdi-ə-lāt)	<i>S</i> -(2,3-dichloro-2-propenyl) bis(1-methylethyl)carbamothioate
dicamba (dī-ˈkam-bə)	3,6-dichloro-2-methoxybenzoic acid
dichlobenil (dī-klō-ˈben-əl)	2,6-dichlorobenzotrile
dichlorprop (ˈdī-klōr-prop)	(+)-2-(2,4-dichlorophenoxy)propanoic acid
diclofop (ˈdi-klō-fop)	(+)-2-[4-(2,4-dichlorophenoxy)phenoxy] propanoic acid
diethyl (dī-ˈeth-ə-tīl)	<i>N</i> -(chloroacetyl)- <i>N</i> -(2,6-diethylphenyl)glycine
difenzoquat (dī-ˈfen-zō-kwāt)	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
dinitramine (dī-ˈnit-rā-mēn)	<i>N</i> ³ , <i>N</i> ³ -diethyl-2,4-dinitro-6-(trifluoromethyl)-1,3-benzenediamine
dinoseb (ˈdī-nō-seb)	2-(1-methylpropyl)-4,6-dinitrophenol
diphenamid (dī-ˈfen-ə-mid)	<i>N,N</i> -dimethyl- α -phenyl benzeneacetamide
dipropetryn (dī-ˈprōp-ə-trīn)	6-(ethylthio)- <i>N,N'</i> -bis(1-methylethyl)-1,3,5-triazine-2,4-diamine
diquat (ˈdī-kwāt)	6,7-dihydrodipyrido[1,2- α :2',1'- ϵ] pyrazinedium ion
diuron (ˈdī-ū-ron)	<i>N'</i> -(3,4-dichlorophenyl)- <i>N,N</i> -dimethylurea
DSMA	disodium salt of MAA
endothall (en-do-thol)	7-oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid
EPTC	<i>S</i> -ethyl dipropylcarbamothioate
ethalfluralin (eth-əl-ˈflūr-ə-lin)	<i>N</i> -ethyl- <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine
ethofumesate (eth-ō-ˈfīū-mə-sāt)	(+)-2-ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranyl methanesulfonate
fenac (ˈfen-ak)	2,3,6-trichlorobenzeneacetic acid
fenoxaprop (fen-ˈoks-ə-prop)	(+)-2-[4-[[6-chloro-2-benzoxazolyl]oxy] phenoxy] propanoic acid
fenuron (ˈfen-ū-ron)	<i>N,N</i> -dimethyl- <i>N'</i> -phenylurea
fenuron TCA (ˈfen-ū-ron)	Salt of fenuron and TCA
flamprop (ˈflam-prop)	<i>N</i> -benzoyl- <i>N</i> -(3-chloro-4-fluorophenyl)- <i>DL</i> -alanine
fluzifop (flōō-ˈaz-i-fop)	(+)-2-[4-[[5-(trifluoromethyl)-2-pyridinyl] oxy] phenoxy] propanoic acid
fluzifop-P (flōō-ˈaz-i-fop-P)	(<i>R</i>)-2-[4-[[5-(trifluoromethyl)-2-pyridinyl] oxy] phenoxy] propanoic acid
fluchloralin (flōō-ˈklōr-ə-lin)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)benzenamine
fluometuron (flōō-ō-ˈmet-ū-ron)	<i>N,N</i> -dimethyl- <i>N'</i> -[3-(trifluoromethyl)phenyl] urea
fluorochloridone (flōōr-ō-ˈklōr-ə-dōn)	3-chloro-4-(chloromethyl)-1-[3-(trifluoromethyl)phenyl]-2-pyrrolidinone
fluoroglycofen (flōōr-ō-ˈglī-kō-fen)	carboxymethyl 5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoate
fluridone (ˈflūr-i-dōn)	1-methyl-3-phenyl-5-[3-(trifluoromethyl)phenyl]-4(1 <i>H</i>)-pyridinone
fomesafen (fō-ˈmes-ə-fen)	5-[2-chloro-4-(trifluoromethyl)phenoxy]- <i>N</i> -(methylsulfonyl)-2-nitrobenzamide
fosamine (ˈfōs-ə-mēn)	ethyl hydrogen (aminocarbonyl)phosphonate
glyphosate (ˈglī-fō-sāt)	<i>N</i> -(phosphonomethyl)glycine
haloxyfop (ha-ˈlōks-ē-fop)	2-[4-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl] oxy] phenoxy] propanoic acid
hexaflurrate (heks-ə-ˈflūr-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
imazapyr (i-ˈmaz-ə-pir)	(+)-2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1 <i>H</i> -imidazol-2-yl]-3-pyridinecarboxylic acid
imazaquin (i-ˈmaz-ə-kwin)	2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1 <i>H</i> -imidazol-2-yl]-3-quinolinecarboxylic acid

PRONUNCIATION KEY: āpe, fat, cār, bâre, ēvil, ten; bīte, is; gō, lot, oil, out, tōōl, look; cūre, cup, tūrn; ə = a in ago.

Common Name or Designation	Chemical Name
imazethapyr (im-a-'zeth-ə-pir) ioxynil (i-'oks-i-nil) isopropalin (i-'sō-'prōp-ə-lin) isouron (i-'sō-'ū-ron) isoxaben (i-'soks-ə-ben)	(±)-2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1 <i>H</i> -imidazol-2-yl]-5-ethyl-3-pyridinecarboxylic acid 4-hydroxy-3,5-diiodobenzonitrile 4-(1-methylethyl)-2,6-dinitro- <i>N,N</i> -dipropylbenzenamine <i>N'</i> -[5-(1,1-dimethylethyl)-3-isoxazolyl]- <i>N,N</i> -dimethylurea <i>N</i> -[3-(1-ethyl-1-methylpropyl)-5-isoxazolyl]-2,6-dimethoxybenzamide
karbutilate (kär-'bū-tā-lät)	3-[[[(dimethylamino)carbonyl] amino] phenyl (1,1-dimethylethyl)carbamate
lactofen ('lak-to-fen) linuron ('lin-ū-ron)	(±)-2-ethoxy-1-methyl-2-oxoethyl 5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoate <i>N'</i> -(3,4-dichlorophenyl)- <i>N</i> -methoxy- <i>N</i> -methylurea
MAA MAMA MCPA MCPB mecoprop ('mek-ō-prop) mefluidide (me-'flōō-i-dīd) metham ('meth-am) methazole ('meth-ə-zōl) metolachlor (mə-'tōl-ə-klōr) metribuzin ('me-tri-'bū-zōn) metsulfuron (met-'sulf-ū-ron) MH molinate ('mō-lin-āt) monuron ('mon-ū-ron) monuron TCA ('mon-ū-ron) MSMA	methylarsonic acid monoammonium salt of MAA (4-chloro-2-methylphenoxy)acetic acid 4-(4-chloro-2-methylphenoxy)butanoic acid (±)-2-(4-chloro-2-methylphenoxy)propanoic acid <i>N</i> -[2,4-dimethyl-5-[[[(trifluoromethyl)sulfonyl] amino] phenyl] acetamide methylcarbamodithioic acid 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-(1,1-dimethylethyl)-3-(methylthio)-1,2,4-triazin-5(4 <i>H</i>)-one 2-[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino] carbonyl] amino] sulfonyl] benzoic acid 1,2-dihydro-3,6-pyridazinedione <i>S</i> -ethyl hexahydro-1 <i>H</i> -azepine-1-carbothioate <i>N'</i> -(4-chlorophenyl)- <i>N,N</i> -dimethylurea Salt of monuron and TCA monosodium salt of MAA
napropamide (na-'prō-pā-mīd) naptalam ('nap-to-lam) nitrofen ('ni-trō-fen) norea (nōr-'ē-ə) norflurazon (nōr-'flur-ə-zōn)	<i>N,N</i> -diethyl-2-(1-naphthalenyloxy)propanamide 2-[(1-naphthalenylamino)carbonyl] benzoic acid 2,4-dichloro-1-(4-nitrophenoxy)benzene <i>N,N</i> -dimethyl- <i>N'</i> -(octahydro-4,7-methano-1 <i>H</i> -inden-5-yl)urea 3α,4α,5α,7α-isomer 4-chloro-5-(methylamino)-2-(3-(trifluoromethyl)phenyl)-3(2 <i>H</i>)-pyridazinone
oryzalin (ō-'riz-ə-lin) oxadiazon (oks-ə-'dī-ə-zōn) oxyfluorfen (oks-ē-'flōōr-fen)	4-(dipropylamino)-3,5-dinitrobenzenesulfonamide 3-[2,4-dichloro-5-(1-methylethoxy)phenyl]-5-(1,1-dimethylethyl)-1,3,4-oxadiazol-2-(3 <i>H</i>)-one 2-chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)benzene
paraquat ('pār-ə-kwät) pebulate ('peb-ū-lät) pendimethalin (pen-dī-'meth-ə-lin) perfluidone (pūr-'flōō-i-dōn) phenmedipham (fen-'med-ə-fam) picloram ('pik-lō-ram) profluralin (prō-'flur-ə-lin) prometon ('prō-mə-ton) prometryn ('prō-mə-trīn) pronamide ('prō-nə-mīd) propachlor ('prō-pā-klōr) propanil ('prō-pā-nil) propazine ('prō-pā-zēn) propham ('prō-fam) pyrazon ('pī-rə-zōn)	1,1'-dimethyl-4,4'-bipyridinium ion <i>S</i> -propyl butylethylcarbamothioate <i>N</i> -(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine 1,1,1-trifluoro- <i>N</i> -[2-methyl-4-(phenylsulfonyl)phenyl] methanesulfonamide 3-[(methoxycarbonyl)amino] phenyl (3-methylphenyl)carbamate 4-amino-3,5,6-trichloro-2-pyridinecarboxylic acid <i>N</i> -(cyclopropylmethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)benzenamine 6-methoxy- <i>N,N'</i> -bis(1-methylethyl)-1,3,5-triazine-2,4-diamine <i>N,N'</i> -bis(1-methylethyl)-6-(methylthio)-1,3,5-triazine-2,4-diamine 3,5-dichloro(<i>N</i> -1,1-dimethyl-2-propynyl)benzamide 2-chloro- <i>N</i> -(1-methylethyl)- <i>N</i> -phenylacetamide <i>N</i> -(3,4-dichlorophenyl)propanamide 6-chloro- <i>N,N'</i> -bis(1-methylethyl)-1,3,5-triazine-2,4-diamine 1-methylethyl phenylcarbamate 5-amino-4-chloro-2-phenyl-3(2 <i>H</i>)-pyridazinone
quizalofop (kwiz-'al-ō-fop)	(±)-2-[4[(6-chloro-2-quinoxalinyloxy) phenoxy] propanoic acid
sethoxydim (seth-'oks-ē-dim) siduron ('sid-ū-ron) simazine ('sim-ə-zēn) sulfometuron (sul-'fō-'met-ū-ron)	2-[1-(ethoxyimino)butyl]-5-[2-(ethylthio)propyl]-3-hydroxy-2-cyclohexen-1-one <i>N</i> -(2-methylcyclohexyl)- <i>N'</i> -phenylurea 6-chloro- <i>N,N'</i> -diethyl-1,3,5-triazine-2,4-diamine 2-[[[(4,6-dimethyl-2-pyrimidinyl)amino] carbonyl] amino] sulfonyl] benzoic acid
TCA tebuthiuron (teb-ū-'thī-ū-ron) terbacil ('tər-bā-sil) terbutryn ('tər-bū-trīn) thiameturon (thī-ə-'met-ū-ron)	trichloroacetic acid <i>N</i> -[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]- <i>N,N'</i> -dimethylurea 5-chloro-3-(1,1-dimethylethyl)-6-methyl-2,4(1 <i>H</i> ,3 <i>H</i>)-pyrimidinedione <i>N</i> -(1,1-dimethylethyl)- <i>N'</i> -ethyl-6-(methylthio)-1,3,5-triazine-2,4-diamine 3-[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino] carbonyl] amino] sulfonyl]-2-thiophenecarboxylic acid <i>S</i> -[(4-chlorophenyl)methyl] diethylcarbamothioate <i>S</i> -(2,3,3-trichloro-2-propenyl) bis(1-methylethyl)carbamothioate [(3,5,6-trichloro-2-pyridinyl)oxy] acetic acid 2-(3,5-dichlorophenyl)-2-(2,2,2-trichloroethyl)oxirane 2,6-dinitro- <i>N,N</i> -dipropyl-4-(trifluoromethyl)benzenamine
2,4-D 2,4-DB	(2,4-dichlorophenoxy)acetic acid 4-(2,4-dichlorophenoxy)butanoic acid
vernolate ('vər-nō-lät)	<i>S</i> -propyl dipropylcarbamothioate
xylachlor ('zī-lə-klōr)	2-chloro- <i>N</i> -(2,3-dimethylphenyl)- <i>N</i> -(1-methylethyl)acetamide

Common and Chemical Names of Herbicide Modifiers

cyometrinil (sī-'ō-'met-ri-nil)	(<i>Z</i>)-α[(cyanomethoxy)imino] benzeneacetonitrile
dichlormid ('dī-klōr-mīd) dietholate ('dī-eth-ō-lat)	2,2-dichloro- <i>N,N</i> -di-2-propenylacetamide <i>O,O</i> -diethyl <i>O</i> -phenyl phosphorothioate
flurazole ('flur-ə-zōl)	phenylmethyl 2-chloro-4-(trifluoromethyl)-5-thiazolecarboxylate
mephenate ('mef-ə-nät)	4-chlorophenyl methylcarbamate

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