

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- flōōr-fen)	5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoic acid
acrolein (ə-ˈkrō-lē-an)	2-propenal
alachlor (ə-lə-ˈklōr)	2-chloro- <i>N</i> -(2,6-diethylphenyl)- <i>N</i> -(methoxymethyl)acetamide
ametryn (ə-mē-ˈtrīn)	<i>N</i> -ethyl- <i>N'</i> -(1-methylethyl)-6-(methylthio)-1,3,5-triazine-2,4-diamine
amitrole (ə-mī-ˈtrōl)	1 <i>H</i> -1,2,4-triazol-3-amine
AMS	ammonium sulfate
asulam (ə-zū-ləm)	methyl (4-aminophenyl)sulfonyl carbamate
atrazine (ə-ˈtrā-zēn)	6-chloro- <i>N</i> -ethyl- <i>N'</i> -(1-methylethyl)-1,3,5-triazine-2,4-diamine
barban (ˈbār-ban)	4-chloro-2-butynyl 3-chlorophenylcarbamate
bepifin (ˈbē-pī-fīn)	<i>N</i> -butyl- <i>N</i> -ethyl-2,6-dinitro-4-(trifluoromethyl)benzenamine
bensulfuron (ben- sulf-ū-ron)	2-[1[[[4,6-dimethoxy-2-pyrimidinyl]amino] carbonyl] amino] sulfonyl methyl benzoic acid
bensulide (ˈben-sū-līd)	<i>O</i> , <i>O</i> -bis(1-methylethyl) <i>S</i> -[2-[(phenylsulfonyl)amino] ethyl] phosphorodithioate
bentazon (ˈben-tā-zon)	3-(1-methylethyl)-(1 <i>H</i>)-2,1,3-benzothiadiazin-4(3 <i>H</i>)-one 2,2-dioxide
benzoflupir (ˈben-zō-flōōr)	<i>N</i> -[4-(ethylthio)-2-(trifluoromethyl)phenyl] methanesulfonamide
benzoylprop (ˈben-zō-īl-prop)	<i>N</i> -benzoyl- <i>N</i> -(3,4-dichlorophenyl)- <i>DL</i> -alanine
bifenox (ˈbī-fen-ōks)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (ˈbrō-mə-sīl)	5-bromo-6-methyl-3-(1-methylpropyl)-2,4(1 <i>H</i> ,3 <i>H</i>)pyrimidinedione
bromoxynil (brōm-ˈōks-i-nīl)	3,5-dibromo-4-hydroxybenzoxazole
butachlor (ˈbū-tə-klōr)	<i>N</i> -(butoxymethyl)-2-chloro- <i>N</i> -(2,6-diethylphenyl)acetamide
buthidazole (bū-ˈthīd-ə-zōl)	3-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-4-hydroxy-1-methyl-2-imidazolidinone
butylate (ˈbū-tī-lāt)	<i>S</i> -ethyl bis(2-methylpropyl)carbamothioate
cadofylic acid (ˈkə-kō-ˈdīl-īk-ˈās-īd)	dimethyl arsenic acid
CDA	2-chloro- <i>N</i> , <i>N</i> -di-2-propenylacetamide
chloramben (klōr- ˈam-ben)	3-amino-2,5-dichlorobenzoic acid
chlorimuron (klōr- ˈīm-ū-ron)	2-[1[[[4-chloro-6-methoxy-2-pyrimidinyl]amino] carbonyl] amino] sulfonyl benzoic acid
chloroxuron (klōr-ˈōks-ū-ron)	<i>N'</i> -[4-(4-chlorophenoxy)phenyl]- <i>N,N</i> -dimethylurea
chlorpropham (klōr-ˈprō-fam)	1-methylethyl 3-chlorophenylcarbamate
chlorsulfuron (klōr- sulf-ū-ron)	2-chloro- <i>N</i> -[[[4-methoxy-6-methyl-1,3,5-triazin-2-yl]amino] carbonyl] benzenesulfonamide
clomethylin (sīn-ˈmeth-ə-līn)	<i>exo</i> -1-methyl-4-(1-methylethyl)-2-[[2-(methylphenyl)methoxy]-7-oxabicyclo[2.2.1]heptane
clethodim (ˈklēth-ō-dīm)	(<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-mā-zōn)	2-[[2-(chlorophenyl)methyl]-4,4-dimethyl-3-isoxazolidinone
cloproxydim (klō-ˈprōks-ə-dīm)	(<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-ˈpīr-ə-līd)	3,6-dichloro-2-pyridinocarboxylic 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
cyloate (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
DCPA	dimethyl 2,3,5,6-tetrachloro-1,4-benzenedicarboxylate
desmedipham (dez-ˈmed-ə-fam)	ethyl [3-[[1(phenylamino)carbonyl]oxy] phenyl] carbamate
diallate (ˈdī-ə-lāt)	<i>S</i> -(2,3-dichloro-2-propenyl) bis(1-methylethyl)carbamothioate
dicamba (dī-ˈkəm-bə)	3,6-dichloro-2-methoxybenzoic acid
dichlofenil (dī-klō-fen-īl)	2,6-dichlorobenzonitrile
dichlorprop (ˈdī-klōr-prop)	(±)-2-(2,4-dichlorophenoxy)propanoic acid
diclofop (ˈdī-klō-fop)	(±)-2-[4-(2,4-dichlorophenoxy)phenoxy] propanoic acid
dichatyl (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-ˈnīt-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-ˈfēn-ə-mīd)	<i>N,N</i> -dimethyl- <i>o</i> -phenyl benzenacetamide
disproprytrn (dī-ˈprōp-ə-trīn)	6-(ethylthio)- <i>N,N'</i> -bis(1-methylethyl)-1,3,5-triazine-2,4-diamine
disquat (ˈdī-kwāt)	6,7-dihydrodiprido[1,2- <i>α</i> :2',1'- <i>c</i>] pyrazinedium ion
dithiopyr (dī-ˈthī-ō-pīr)	<i>S,S</i> -dimethyl 2-(difluoromethyl)-4-(2-methylpropyl)-6-(trifluoromethyl)-3,5-pyridinedicarbothioate
diuron (ˈdī-ū-ron)	<i>N'</i> -(3,4-dichlorophenyl)- <i>N,N</i> -dimethylurea
DSMA	disodium salt of MAA
endothall (en-ˈdō-thol)	7-oxabicyclo[2.2.1] heptane-2,3-dicarboxylic acid
EPTC	<i>S</i> -ethyl dipropylcarbamothioate
ethalfuralin (eth-əl- flūr-ə-līn)	<i>N</i> -ethyl- <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine
ethofumesate (eth-ō- flū-mā-sāt)	(±)-2-ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranyl methanesulfonate
fenc (ˈfēn-ək)	2,3,6-trichlorobenzeneacetic acid
fenoxaprop (fen-ˈōks-ə-prop)	(±)-2-[4-[(6-chloro-2-benzoxazolyl)oxy] phenoxy] propanoic acid
fenuron (ˈfēn-ū-ron)	<i>N,N</i> -dimethyl- <i>N'</i> -phenylurea
fenuron TCA (ˈfēn-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
flazifop (flō-ˈaz-i-fop)	(±)-2-[4-[[5-(trifluoromethyl)-2-pyridinyl] oxy] phenoxy] propanoic acid
flazifop-P (flō-ˈaz-i-fop-P)	(<i>R</i>)-2-[4-[[5-(trifluoromethyl)-2-pyridinyl] oxy] phenoxy] propanoic acid
fluchloralin (flō-ˈklōr-ə-līn)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)benzenamine
fluometuron (flō-ˈō-ˈmēt-ū-ron)	<i>N,N</i> -dimethyl- <i>N'</i> -[3-(trifluoromethyl)phenyl] urea
fluorchloridone (flō-ˈō-ˈklōr-ə-dōn)	3-chloro-4-(chloromethyl)-1-[3-(trifluoromethyl)phenyl]-2-pyrrolidinone
fluoroglycofen (flō-ˈō-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
flurtamone (ˈflūr-tā-mōn)	5-(methylamino)-2-phenyl-4-[3-(trifluoromethyl)phenyl]-3(2 <i>H</i>)-furanone
fomesafen (fō-ˈmēs-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
halosafen (hə-ˈlōs-ə-fen)	5-[2-chloro-6-fluoro-4-(trifluoromethyl)phenoxy]- <i>N</i> -(ethylsulfonyl)-2-nitrobenzamide
haloxifop (hə-ˈlōks-ē-fop)	2-[4-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl] oxy] phenoxy] propanoic acid
hexaflurate (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
imazamethabenz (i-maz-ə-ˈmēth-ə-benz)	(±)-2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1 <i>H</i> -imidazol-2-yl]-4(5)-methylbenzoic acid (3:2)
imazapyr (i-maz-ə-pīr)	(±)-2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1 <i>H</i> -imidazol-2-yl]-3-pyridinocarboxylic acid

PRONUNCIATION KEY: ăpe, fat, cār, hāre; ēvil, tēn, bīte, is; gō, lōt, oil, out, tōōl; look; cūre, cup, tūrn; ə = a in ago.

Common Name or Designation

Chemical Name

imazaquin (i-'maz-ə-kwin)	2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1 <i>H</i> -imidazol-2-yl]-3-quinolinecarboxylic acid
imazethapyr (im-'a-'zeth-ə-pir)	(±)-2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1 <i>H</i> -imidazol-2-yl]-5-ethyl-3-pyridinecarboxylic acid
ioxynil (i-'oks-i-nil)	4-hydroxy-3,5-diiodobenzonitrile
isopropalin (i-'sō-'prōp-ə-lin)	4-(1-methylethyl)-2,6-dinitro- <i>N,N</i> -dipropylbenzenamine
isouron (i-'sō-'ū-ron)	<i>N'</i> -[5-(1,1-dimethylethyl)-3-isoxazolyl]- <i>N,N</i> -dimethylurea
isoxaben (i-'soks-ə-ben)	<i>N</i> -[3-(1-ethyl-1-methylpropyl)-5-isoxazolyl]-2,6-dimethoxybenzamide
karbutilate (kär-'bū-tə-lät)	3-[[[(dimethylamino)carbonyl] amino] phenyl (1,1-dimethylethyl)carbamate
lactofen ('lak-to-fen)	(±)-2-ethoxy-1-methyl-2-oxoethyl 5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoate
linuron ('lin-ū-ron)	<i>N'</i> -(3,4-dichlorophenyl)- <i>N</i> -methoxy- <i>N</i> -methylurea
MAA	methylarsonic acid
MAMA	monoammonium salt of MAA
MCPA	(4-chloro-2-methylphenoxy)acetic acid
MCPB	4-(4-chloro-2-methylphenoxy)butanoic acid
mecoprop ('mek-ō-prop)	(±)-2-(4-chloro-2-methylphenoxy)propanoic acid
mefluidide (me-'flōd-i-dīd)	<i>N</i> -[2,4-dimethyl-5-[[[(trifluoromethyl)sulfonyl] amino] phenyl] acetamide
metham ('meth-am)	methylcarbamodithioic acid
methazole ('meth-ə-zōl)	2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione
metolachlor (me-'tōl-ə-klōr)	2-chloro- <i>N</i> -(2-ethyl-6-methylphenyl)- <i>N</i> -(2-methoxy-1-methylethyl)acetamide
metribuzin ('me-tri-'bū-zən)	4-amino-6-(1,1-dimethylethyl)-3-(methylthio)-1,2,4-triazin-5(4 <i>H</i>)-one
met sulfuron (met-'sulf-ū-ron)	2-[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino] carbonyl] amino] sulfonyl] benzoic acid
MH	1,2-dihydro-3,6-pyridinedione
molinate ('mō-lin-ät)	<i>S</i> -ethyl hexahydro-1 <i>H</i> -azepine-1-carbothioate
monuron ('mon-ū-ron)	<i>N'</i> -(4-chlorophenyl)- <i>N,N</i> -dimethylurea
monuron TCA ('mon-ū-ron)	Salt of monuron and TCA
MSMA	monosodium salt of MAA
napropamide (na-'prō-pə-mīd)	<i>N,N</i> -diethyl-2-(1-naphthalenyloxy)propanamide
naptalam ('nap-tə-lam)	2-[(1-naphthalenylamino)carbonyl] benzoic acid
nitrofen ('ni-trō-fen)	2,4-dichloro-1-(4-nitrophenoxy)benzene
norea (nōr-'ē-ə)	<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
norflurazon (nōr-'flur-ə-zon)	4-chloro-5-(methylamino)-2-(3-(trifluoromethyl)phenyl)-3(2 <i>H</i>)-pyridazinone
oryzalin (ō-'rīz-ə-lin)	4-(dipropylamino)-3,5-dinitrobenzenesulfonamide
oxadiazon (oks-ə-'dī-ə-zon)	3-[2,4-dichloro-5-(1-methylethoxy)phenyl]-5-(1,1-dimethylethyl)-1,3,4-oxadiazol-2-(3 <i>H</i>)-one
oxyfluorfen (oks-ē-'flōr-fen)	2-chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)benzene
paraquat ('pār-ə-kwät)	1,1'-dimethyl-4,4'-bipyridinium ion
pebulate ('peb-ū-lät)	<i>S</i> -propyl butylethylcarbamothioate
pendimethalin (pen-dī-'meth-ə-lin)	<i>N</i> -(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine
perfluidone (pär-'flōd-i-dōn)	1,1,1-trifluoro- <i>N</i> -[2-methyl-4-(phenylsulfonyl)phenyl] methanesulfonamide
phenmedipham (fen-'med-ə-fam)	3-[(methoxycarbonyl)amino] phenyl (3-methylphenyl)carbamate
picloram ('pik-lō-ram)	4-amino-3,5,6-trichloro-2-pyridinecarboxylic acid
profluralin (prō-'flur-ə-lin)	<i>N</i> -(cyclopropylmethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)benzenamine
prometon ('prō-mə-ton)	6-methoxy- <i>N,N'</i> -bis(1-methylethyl)-1,3,5-triazine-2,4-diamine
prometryn ('prō-mə-trīn)	<i>N,N'</i> -bis(1-methylethyl)-6-(methylthio)-1,3,5-triazine-2,4-diamine
pronamide ('prō-nə-mīd)	3,5-dichloro- <i>N</i> -1,1-dimethyl-2-propynylbenzamide
propachlor ('prō-pə-klōr)	2-chloro- <i>N</i> -(1-methylethyl)- <i>N</i> -phenylacetamide
propanil ('prō-pə-nil)	<i>N</i> -(3,4-dichlorophenyl)propanamide
propazine ('prō-pə-zēn)	6-chloro- <i>N,N'</i> -bis(1-methylethyl)-1,3,5-triazine-2,4-diamine
propham ('prō-fam)	1-methylethyl phenylcarbamate
pyrazon ('pī-rə-zon)	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)	2-[1-(ethoxyimino)butyl]-5-[2-(ethylthio)propyl]-3-hydroxy-2-cyclohexen-1-one
siduron ('sid-ū-ron)	<i>N</i> -(2-methylcyclohexyl)- <i>N'</i> -phenylurea
simazine ('sim-ə-zēn)	6-chloro- <i>N,N'</i> -diethyl-1,3,5-triazine-2,4-diamine
sulfometuron (sulf-ō-'met-ū-ron)	2-[[[(4,6-dimethyl-2-pyrimidinyl)amino] carbonyl] amino] sulfonyl] benzoic acid
TCA	trichloroacetic acid
tebuthiuron (teb-'ū-'thī-ū-ron)	<i>N</i> -[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]- <i>N,N'</i> -dimethylurea
terbacil ('tur-bə-sil)	5-chloro-3-(1,1-dimethylethyl)-6-methyl-2,4(1 <i>H</i> ,3 <i>H</i>)-pyrimidinedione
terbutryn ('tur-bū-trīn)	<i>N</i> -(1,1-dimethylethyl)- <i>N'</i> -ethyl-6-(methylthio)-1,3,5-triazine-2,4-diamine
thiameturon (thī-'mē-tū-ron)	3-[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino] carbonyl] amino] sulfonyl]-2-thiophenecarboxylic acid
thifensulfuron (thī-fen-'sulf-ū-ron)	3-[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino] carbonyl] amino] sulfonyl]-2-thiophenecarboxylic acid
thiobencarb (thī-ō-'ben-kärb)	<i>S</i> -[(4-chlorophenyl)methyl] diethylcarbamothioate
trallate ('trī-ə-lät)	<i>S</i> -(2,3,3-trichloro-2-propenyl) bis(1-methylethyl)carbamothioate
triclopyr ('tri-klō-pir)	[(3,5,6-trichloro-2-pyridinyl)oxy] acetic acid
tridiphane ('tri-dī-fän)	2-(3,5-dichlorophenyl)-2-(2,2,2-trichloroethyl)oxirane
trifluralin (trī-'flur-ə-lin)	2,6-dinitro- <i>N,N</i> -dipropyl-4-(trifluoromethyl)benzenamine
2,4-D	(2,4-dichlorophenoxy)acetic acid
2,4-DB	4-(2,4-dichlorophenoxy)butanoic acid
vernolate ('vür-nō-lät)	<i>S</i> -propyl dipropylcarbamothioate
xyflachlor ('zī-lä-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-tri-nil)	(<i>Z</i>)- <i>o</i> -[(cyanomethoxy)imino] benzeneacetonitrile
dichlormid (dī-'klōr-mid)	2,2-dichloro- <i>N,N</i> -di-2-propenylacetamide
dietholate (dī-'eth-ō-lät)	<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