

## Common and Chemical Names of Herbicides<sup>a</sup>

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-ˈflōr-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-ˈtrā-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-butynyl 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</i> , <i>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
benzofluor (ben-zō-flōr)	<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-tə-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
cadicylic 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-[1-[[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
chlorpropham (klōr-ˈprō-fam)	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 (ˈkleth-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-ˈproks-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
clpyralid (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 (ˈdi-klōr-prop)	(±)-2-(2,4-dichlorophenoxy)propanoic acid
diclofop (ˈdi-klō-fop)	(±)-2-[4-(2,4-dichlorophenoxy)phenoxy] propanoic acid
diethatyl (dī-ˈeth-ə-tīl)	<i>N</i> -(chloroacetyl)- <i>N</i> -(2,6-diethylphenyl)glycine
difenoquat (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-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- $\alpha$ -phenyl benzenacetamide
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- $\alpha$ :2′,1′- $c$ ] pyrazinedium ion
dithiopyr (dī-ˈthi-ō-pir)	<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-dō-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-ˈflūr-mā-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
fluaizifop (flō-ˈaz-i-fop)	(±)-2-[4-[[5-(trifluoromethyl)-2-pyridinyl] oxy] phenoxy] propanoic acid
fluaizifop-P (flō-ˈaz-i-fop-P)	( <i>R</i> )-2-[4-[[5-(trifluoromethyl)-2-pyridinyl] oxy] phenoxy] propanoic acid
fluchloralin (flō-ˈklōr-ə-lin)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)benzenamine
fluometuron (flō-ˈmēt-ū-ron)	<i>N,N</i> -dimethyl- <i>N</i> ′-[3-(trifluoromethyl)phenyl] urea
fluorochloridone (flō-ˈrō-ˈklōr-ə-dōn)	3-chloro-4-(chloromethyl)-1-[3-(trifluoromethyl)phenyl]-2-pyrrolidinone
fluoroglycofen (flō-ˈrō-ˈglī-kō-fen)	carboxymethyl 5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoate
fluridone (ˈflur-i-dōn)	1-methyl-3-phenyl-5-[3-(trifluoromethyl)phenyl]-4(1 <i>H</i> )-pyridinone
flurtamone (ˈflur-tā-mōn)	5-(methylamino)-2-phenyl-4-[3-(trifluoromethyl)phenyl]-3(2 <i>H</i> )-furanone
fomesafen (fō-ˈmes-ə-fen)	5-[2-chloro-4-(trifluoromethyl)phenoxy]- <i>N</i> -(methylsulfonyl)-2-nitrobenzamide
fosamine (fō-sā-mēn)	ethyl hydrogen (aminocarbonyl)phosphonate
glyphosate (ˈglī-fō-sāt)	<i>N</i> -(phosphonomethyl)glycine
halosafen (ha-ˈlō-sə-fen)	5-[2-chloro-6-fluoro-4-(trifluoromethyl)phenoxy]- <i>N</i> -(ethylsulfonyl)-2-nitrobenzamide
haloxyfop (ha-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-ˈmeth-ə-benz)	(±)-2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1 <i>H</i> -imidazol-2-yl]-4-(and 5)-methylbenzoic acid (3:2)
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

**PRONUNCIATION KEY:** āpe, fat, cār, bāre; ēvil, ten; bite, is; gō, lot, oil, out, tōl, 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-ə-'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-'sɒp-'prɒp-ə-lin)	4-(1-methylethyl)-2,6-dinitro- <i>N,N</i> -dipropylbenzenamine
isouron (i-'sɒ-'u-ron)	<i>N'</i> -[5-(1,1-dimethylethyl)-3-isoxazolyl]- <i>N,N</i> -dimethylurea
isoxaben (i-'sɒks-ə-ben)	<i>N</i> -[3-(1-ethyl-1-methylpropyl)-5-isoxazolyl]-2,6-dimethoxybenzamide
karbutilate (kär-'büt-tä-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-'u-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-ɒ-prop)	(±)-2-(4-chloro-2-methylphenoxy)propanoic acid
mefluidide (me-'flöö-i-did)	<i>N</i> -[2,4-dimethyl-5-[[trifluoromethyl]sulfonyl]amino]phenyl acetamide
metham ('meth-am)	methylcarbamodithioic acid
methazole ('meth-ə-zöl)	2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione
metolachlor (mə-'töl-ə-klör)	2-chloro- <i>N</i> -(2-ethyl-6-methylphenyl)- <i>N</i> -(2-methoxy-1-methylethyl)acetamide
metribuzin ('me-tri-'büt-zön)	4-amino-6-(1,1-dimethylethyl)-3-(methylthio)-1,2,4-triazin-5(4 <i>H</i> )-one
met sulfuron (met-'sulf-'u-ron)	2-[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl]amino]sulfonyl]benzoic acid
MH	1,2-dihydro-3,6-pyridazinedione
molinate ('möl-lin-ät)	<i>S</i> -ethyl hexahydro-1 <i>H</i> -azepine-1-carbothioate
monuron (mon-'u-ron)	<i>N'</i> -(4-chlorophenyl)- <i>N,N</i> -dimethylurea
monuron TCA ('mon-'u-ron)	Salt of monuron and TCA
MSMA	monosodium salt of MAA
napropamide (na-'prɒp-ə-mid)	<i>N,N</i> -diethyl-2-(1-naphthalenyloxy)propanamide
naptalam ('nap-tə-lam)	2-[[1-(naphthalenylamino)carbonyl]benzoic acid
nitrofen ('nī-trɒf-en)	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,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 ('pär-ə-kwät)	1,1'-dimethyl-4,4'-bipyridinium ion
pebulate ('peb-'u-lät)	<i>S</i> -propyl butylethylcarbamothioate
pendimethalin (pen-'dī-'meth-ə-lin)	<i>N</i> -(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine
perfluidone (pür-'flöö-i-dön)	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-mid)	3,5-dichloro( <i>N</i> -1,1-dimethyl-2-propynyl)benzamide
propachlor ('prō-pə-klör)	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-zen)	6-chloro- <i>N,N'</i> -bis(1-methylethyl)-1,3,5-triazine-2,4-diamine
propham ('prō-fam)	1-methylethyl phenylcarbamate
pyrazon ('pi-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-'u-ron)	<i>N</i> -(2-methylcyclohexyl)- <i>N'</i> -phenylurea
simazine ('sim-ə-zen)	6-chloro- <i>N,N'</i> -diethyl-1,3,5-triazine-2,4-diamine
sulfometuron (sulf-'ō-'met-'u-ron)	2-[[[(4,6-dimethyl-2-pyrimidinyl)amino]carbonyl]amino]sulfonyl]benzoic acid
TCA	trichloroacetic acid
tebuthiuron (teb-'ū-'thī-'u-ron)	<i>N</i> -[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]- <i>N,N'</i> -dimethylurea
terbacil ('tər-bə-sil)	5-chloro-3-(1,1-dimethylethyl)-6-methyl-2,4(1 <i>H</i> ,3 <i>H</i> )-pyrimidinedione
terbutryn ('tər-büt-trīn)	<i>N</i> -(1,1-dimethylethyl)- <i>N'</i> -ethyl-6-(methylthio)-1,3,5-triazine-2,4-diamine
thifensulfuron (thī-'fen-'sulf-'u-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
triallate ('tri-ä-lät)	5-(2,3,3-trichloro-2-propenyl)bis(1-methylethyl)carbamothioate
triclopyr ('tri-klo-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 ('vær-nö-lät)	<i>S</i> -propyl dipropylcarbamothioate
xylachlor ('zil-ä-klör)	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]benzeneacetoneitrile
dichlormid ('dī-klör-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-zöl)	phenylmethyl 2-chloro-4-(trifluoromethyl)-5-thiazolecarboxylate
mephenate ('mef-ə-nät)	4-chlorophenyl methylcarbamate

<sup>a</sup>Herbicides 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.