

Common and Chemical Names of Herbicides^a

Common Name or Designation	Chemical Name
acetochlor (ə-ˈsɛ-tə-klɔr)	2-chloro- <i>N</i> -(ethoxymethyl)- <i>N</i> -(2-ethyl-6-methylphenyl)acetamide
acifluorfen (as-ɛ-ˈflʊɔr-fɛn)	5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoic acid
acrolein (ə-ˈkrʊ-lɛ-ən)	2-propenal
alachlor (ˈal-ə-klɔr)	2-chloro- <i>N</i> -(2,6-diethylphenyl)- <i>N</i> -(methoxymethyl)acetamide
ametryn (ˈam-ə-trɪn)	<i>N</i> -ethyl- <i>N'</i> -(1-methylethyl)-6-(methylthio)-1,3,5-triazine-2,4-diamine
amitrole (ˈam-ə-trɔl)	1 <i>H</i> -1,2,4-triazol-3-amine
AMS	ammonium sulfate
asulam (ˈaz-ū-lam)	methyl[(4-aminophenyl)sulfonyl] carbamate
atrazine (ˈa-trə-zɛn)	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
benefin (ˈben-ə-fin)	<i>N</i> -butyl- <i>N</i> -ethyl-2,6-dinitro-4-(trifluoromethyl)benzenamine
bensulfuron (ben-ˈsul-fū-ron)	2-[[[[4,6-dimethoxy-2-pyrimidinyl]amino] carbonyl] amino] sulfonyl] methyl] benzoic acid
bensulfide (ben-ˈsʊl-fīd)	<i>O,O</i> -bis(1-methylethyl) <i>S</i> -[2-[(phenylsulfonyl)amino] ethyl] phosphorodithioate
benzazon (ˈben-tə-zon)	3-(1-methylethyl)-(1 <i>H</i>)-2,1,3-benzothiadiazin-4(3 <i>H</i>)-one 2,2-dioxide
benzofluor (ˈben-zō-flʊɔr)	<i>N</i> -[4-(ethylthio)-2-(trifluoromethyl)phenyl] methanesulfonamide
benzoylprop (ˈben-zō-ɪl-prop)	<i>N</i> -benzoyl- <i>N</i> -(3,4-dichlorophenyl)- <i>DL</i> -alanine
bifenox (ˈbi-fen-oks)	methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate
bromacil (ˈbrɔm-ə-sil)	5-bromo-6-methyl-3-(1-methylpropyl)-2,4(1 <i>H</i> ,3 <i>H</i>)pyrimidinedione
bromoxynil (brɔm-ˈɔks-i-nil)	3,5-dibromo-4-hydroxybenzotrile
butachlor (ˈbū-tə-klɔr)	<i>N</i> -(butoxymethyl)-2-chloro- <i>N</i> -(2,6-diethylphenyl)acetamide
buthiazole (bū-ˈthīd-ə-zōl)	3-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-4-hydroxy-1-methyl-2-imidazolidinone
butylate (ˈbū-ti-lāt)	<i>S</i> -ethyl bis(2-methylpropyl)carbamothioate
cacodylic acid (ˈka-kō-ˈdīl-ik-ˈas-īd)	dimethyl arsenic acid
CDA	2-chloro- <i>N,N</i> -di-2-propenylacetamide
chloramben (klɔr-ˈam-ben)	3-amino-2,5-dichlorobenzoic acid
chlorimuron (klɔ-ˈrīm-ū-ron)	2-[[[[4-chloro-6-methoxy-2-pyrimidinyl]amino] carbonyl] amino] sulfonyl] benzoic acid
chloroxuron (klɔr-ˈɔks-ū-ron)	<i>N'</i> -[4-(4-chlorophenoxy)phenyl]- <i>N,N</i> -dimethylurea
chlorpropham (klɔr-ˈprɔf-fam)	1-methylethyl 3-chlorophenylcarbamate
chlorsulfuron (klɔr-ˈsul-fū-ron)	2-chloro- <i>N</i> -[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino] carbonyl] benzenesulfonamide
cimethylin (sɪn-ˈmeth-ə-lin)	<i>exo</i> -1-methyl-4-(1-methylethyl)-2-[(2-methylphenyl)methoxy]-7-oxabicyclo[2.2.1]heptane
clethodim (ˈklɛθ-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 (ˈklɔm-ə-zon)	2-[(2-chlorophenyl)methyl]-4,4-dimethyl-3-isoxazolidinone
cloproxydim (klɔ-ˈprɔks-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 (klɔ-ˈpīr-ə-līd)	3,6-dichloro-2-pyridinecarboxylic acid
CMA	calcium salt of MAA
cyanazine (sī-ˈan-ə-zɛn)	2-[4-chloro-6-(ethylamino)-1,3,5-triazin-2-yl] amino]-2-methylpropanenitrile
cycloate (ˈsī-klɔ-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-[[[(phenylamino)carbonyl] oxy] phenyl] carbamate
diallate (ˈdī-ə-lāt)	5-(2,3-dichloro-2-propenyl) bis(1-methylethyl)carbamothioate
dicamba (dī-ˈkam-bə)	3,6-dichloro-2-methoxybenzoic acid
dichlobenil (dī-klɔ-ˈben-əl)	2,6-dichlorobenzotrile
dichlorprop (ˈdī-klɔr-prop)	(±)-2-(2,4-dichlorophenoxy)propanoic acid
diclofop (ˈdī-klɔf-op)	(±)-2-[4-(2,4-dichlorophenoxy)phenoxy] propanoic acid
diethyl (dī-ˈɛθ-ə-tīl)	<i>N</i> -(chloroacetyl)- <i>N</i> -(2,6-diethylphenyl)glycine
difenzoquat (dī-ˈfɛn-zō-kwāt)	1,2-dimethyl-3,5-diphenyl-1 <i>H</i> -pyrazolium
dinitramine (dī-ˈnīt-rə-mɛn)	<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-ˈfɛn-ə-mīd)	<i>N,N</i> -dimethyl- α -phenyl benzenacetamide
dipropetryn (dī-ˈprɔp-ə-trɪn)	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]pyrazinediium ion
diuron (ˈdī-ū-ron)	<i>N'</i> -(3,4-dichlorophenyl)- <i>N,N</i> -dimethylurea
DSMA	disodium salt of MAA
endothal (en-do-thol)	7-oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid
EPTC	<i>S</i> -ethyl dipropyl carbamothioate
ethalfuralin (eth-əl-ˈflur-ə-lin)	<i>N</i> -ethyl- <i>N</i> -(2-methyl-2-propenyl)-2,6-dinitro-4-(trifluoromethyl)benzenamine
ethofumesate (eth-ō-ˈfū-mə-sāt)	(±)-2-ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranyl methanesulfonate
fenac (ˈfɛn-ak)	2,3,6-trichlorobenzenoacetic acid
fenoxaprop (fɛn-ˈɔks-ə-prop)	(±)-2-[4-[(6-chloro-2-benzoxazolyloxy] phenoxy] propanoic acid
fenuron (ˈfɛn-ū-ron)	<i>N,N</i> -dimethyl- <i>N'</i> -phenylurea
fenuron TCA (ˈfɛn-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
fluaazifop (flū-ˈāz-i-fop)	(±)-2-[4-[[5-(trifluoromethyl)-2-pyridinyl] oxy] phenoxy] propanoic acid
fluaazifop-P (flū-ˈāz-i-fāp-P)	(<i>R</i>)-2-[4-[[5-(trifluoromethyl)-2-pyridinyl] oxy] phenoxy] propanoic acid
fluchloralin (flū-ˈklɔr-ə-lin)	<i>N</i> -(2-chloroethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)benzenamine
fluometuron (flū-ō-ˈmɛt-ū-ron)	<i>N,N</i> -dimethyl- <i>N'</i> -[3-(trifluoromethyl)phenyl] urea
fluorochloridone (flū-ōr-ˈklɔr-ə-don)	3-chloro-4-(chloromethyl)-1-[3-(trifluoromethyl)phenyl]-2-pyrrolidinone
fluoroglycofen (flū-ˈɔr-ō-ˈglī-kə-fən)	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
fomesafen (fō-ˈmɛs-ə-fɛn)	5-[2-chloro-4-(trifluoromethyl)phenoxy]- <i>N</i> -(methylsulfonyl)-2-nitrobenzamide
fosamine (ˈfɔs-ə-mɛn)	ethyl hydrogen (aminocarbonyl)phosphonate
glyphosate (ˈglī-fō-sāt)	<i>N</i> -(phosphonomethyl)glycine
haloxyfop (ha-ˈlɔks-ɛ-fop)	2-[4-[[3-chloro-5-(trifluoromethyl)-2-pyridinyl] oxy] phenoxy] propanoic acid
hexaflurate (heks-ə-ˈflur-āt)	potassium hexafluoroarsenate
hexazinone (heks-ˈāz-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-maz-ə-ˈpɛr)	(±)-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-kwɪn)	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, bāre; ēvil, ten; bite, is; gō, lot, oil, out, tōdī, look; cūre, cup, tʊrn; ə = a in ago.

Common Name or Designation	Chemical Name
imazethapyr (im-ə-ˈzeth-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-ˈoks-i-nil)	4-hydroxy-3,5-diiodobenzonitrile
isopropalin (i-ˈsō-ˈprōp-ə-lin)	4-(1-methylethyl)-2,6-dinitro- <i>N,N</i> -dipropylbenzenamine
isouron (i-ˈsō-ū-ron)	<i>N</i> '-[5-(1,1-dimethylethyl)-3-isoxazolyl]- <i>N,N</i> -dimethylurea
isoxaben (i-ˈsoks-ə-ben)	<i>N</i> -[3-(1-ethyl-1-methylpropyl)-5-isoxazolyl]-2,6-dimethoxybenzamide
karbutilate (kär-ˈbū-tā-lät)	3-[(dimethylamino)carbonyl amino] phenyl (1,1-dimethylethyl)carbamate
linuron (ˈlin-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 (ˈmek-ō-prop)	(±)-2-(4-chloro-2-methylphenoxy)propanoic acid
mefluidide (me-ˈflōō-i-dīd)	<i>N</i> -[2,4-dimethyl-5-[(trifluoromethyl)sulfonyl] amino] phenyl] acetamide
metham (ˈmeth-am)	methylcarbamodithioic acid
methazole (ˈmeth-ə-zōl)	2-(3,4-dichlorophenyl)-4-methyl-1,2,4-oxadiazolidine-3,5-dione
metolachlor (mə-ˈtol-ə-klör)	2-chloro- <i>N</i> -(2-ethyl-6-methylphenyl)- <i>N</i> -(2-methoxy-1-methylethyl)acetamide
metribuzin (ˈme-tri-ˈbū-zōn)	4-amino-6-(1,1-dimethylethyl)-3-(methylthio)-1,2,4-triazin-5(4 <i>H</i>)-one
metsulfuron (met-ˈsul-fū-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 (ˈmō-lin-ät)	5-ethyl hexahydro-1 <i>H</i> -azepine-1-carbithioate
monuron (ˈmon-ū-ron)	<i>N</i> '-(4-chlorophenyl)- <i>N,N</i> -dimethylurea
monuron TCA (ˈmon-ū-ron)	Salt of monuron and TCA
MSMA	monosodium salt of MAA
napropamide (na-ˈprō-pä-mīd)	<i>N,N</i> -diethyl-2-(1-naphthalenyloxy)propanamide
naptalam (ˈnap-tā-lam)	2-[[1-naphthalenylamino]carbonyl] benzoic acid
nitrofen (ˈnī-trō-fen)	2,4-dichloro-1-(4-nitrophenoxy)benzene
norea (nō-ˈē-ə)	<i>N,N</i> -dimethyl- <i>N</i> '-(octahydro-4,7-methano-1 <i>H</i> -inden-5-yl)urea 3aa,4a,5a,7a,7aa-isomer
norflurazon (nō-ˈflur-ə-zōn)	4-chloro-5-(methylamino)-2-(3-(trifluoromethyl)phenyl)-3(2 <i>H</i>)-pyridazinone
oryzalin (ō-ˈrīz-ə-lin)	4-(dipropylamino)-3,5-dinitrobenzenesulfonamide
oxadiazon (oks-ə-ˈdī-ə-zōn)	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-ˈflōōr-fen)	2-chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)benzene
paraquat (ˈpär-ə-kwät)	1,1'-dimethyl-4,4'-bipyridinium ion
pebulate (ˈpēb-ū-lät)	5-propyl butylethylcarbamothioate
pendimethalin (pen-dī-ˈmeth-ə-lin)	<i>N</i> -(1-ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine
perfluidone (pär-ˈflōō-i-dōn)	1,1,1-trifluoro- <i>N</i> -[2-methyl-4-(phenylsulfonyl)phenyl] methanesulfonamide
phenmedipham (fen-ˈmed-ə-fam)	3-[(methoxycarbonyl)amino] phenyl (3-methylphenyl)carbamate
picloram (ˈpik-lō-ram)	4-amino-3,5,6-trichloro-2-pyridinecarboxylic acid
profluralin (prō-ˈflur-ə-lin)	<i>N</i> -(cyclopropylmethyl)-2,6-dinitro- <i>N</i> -propyl-4-(trifluoromethyl)benzenamine
prometon (ˈprō-mä-ton)	6-methoxy- <i>N,N</i> '-bis(1-methylethyl)-1,3,5-triazine-2,4-diamine
prometryn (ˈprō-mä-trīn)	<i>N,N</i> '-bis(1-methylethyl)-6-(methylthio)-1,3,5-triazine-2,4-diamine
pronamide (ˈprō-nä-mīd)	3,5-dichloro(<i>N</i> -1,1-dimethyl-2-propynyl)benzamide
propachlor (ˈprō-pä-klör)	2-chloro- <i>N</i> -(1-methylethyl)- <i>N</i> -phenylacetamide
propanil (ˈprō-pä-nil)	<i>N</i> -(3,4-dichlorophenyl)propanamide
propazine (ˈprō-pä-zēn)	6-chloro- <i>N,N</i> '-bis(1-methylethyl)-1,3,5-triazine-2,4-diamine
propham (ˈprō-fam)	1-methylethyl phenylcarbamate
pyrazon (ˈpī-rä-zōn)	5-amino-4-chloro-2-phenyl-3(2 <i>H</i>)-pyridazinone
quizalofop (quiz-ˈäl-ō-fop)	(±)-2-[4[(6-chloro-2-quinoxalinyloxy] phenoxy] propanoic acid
sethoxydim (seth-ˈoks-ē-dim)	2-[1-(ethoxyimino)butyl]-5-[2-(ethylthio)propyl]-3-hydroxy-2-cyclohexen-1-one
siduron (ˈsid-ū-ron)	<i>N</i> -(2-methylcyclohexyl)- <i>N</i> '-phenylurea
simazine (ˈsim-ə-zēn)	6-chloro- <i>N,N</i> '-diethyl-1,3,5-triazine-2,4-diamine
sulfometuron (sul-ˈfō-ˈmet-ū-ron)	2-[[[(4,6-dimethyl-2-pyrimidinyl)amino] carbonyl] amino] sulfonyl] benzoic acid
TCA	trichloroacetic acid
tebuthiuron (teb-ū-ˈthi-ū-ron)	<i>N</i> '-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]- <i>N,N</i> '-dimethylurea
terbacil (ˈtär-bä-sil)	5-chloro-3-(1,1-dimethylethyl)-6-methyl-2,4(1 <i>H</i> ,3 <i>H</i>)-pyrimidinedione
terbutryn (ˈtär-bū-trīn)	<i>N</i> -(1,1-dimethylethyl)- <i>N</i> '-ethyl-6-(methylthio)-1,3,5-triazine-2,4-diamine
thiameturon (thī-ə-ˈmet-ū-ron)	3-[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino] carbonyl] amino] sulfonyl]-2-thiophenecarboxylic acid
thiobencarb (thī-ō-ˈben-kärb)	5-(4-chlorophenyl)methyl diethylcarbamothioate
trallate (ˈtri-ä-lät)	5-(2,3,3-trichloro-2-propenyl) bis(1-methylethyl)carbamothioate
triclopyr (ˈtri-klō-pir)	[(3,5,6-trichloro-2-pyridinyl)oxy] acetic acid
tridiphane (ˈtri-di-fän)	2-(3,5-dichlorophenyl)-2-(2,2,2-trichloroethyl)oxirane
trifluralin (tri-ˈflur-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 (ˈvür-nō-lät)	5-propyl dipropylcarbamothioate
xylachlor (ˈzī-lä-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-ˈmet-rī-nil)	(<i>Z</i>)-α[(cyanomethoxy)imino] benzeneacetoneitrile
dichlormid (ˈdī-klör-mid)	2,2-dichloro- <i>N,N</i> -di-2-propenylacetamide
dietholate (ˈdī-di-ō-lät)	<i>O,O</i> -diethyl <i>O</i> -phenyl phosphorothioate
flurazole (ˈflur-ə-zōl)	phenylmethyl 2-chloro-4-(trifluoromethyl)-5-thiazolecarboxylate
mephenate (ˈmef-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.